anas
GRUPPO FS ITALIANE

Direzione Progettazione e Realizzazione Lavori

# ITINERARIO RAGUSA-CATANIA

## Collegamento viario compreso tra lo Svincolo della S.S. 514 "di Chiaramonte" con la S.S. 115 e lo Svincolo della S.S. 194 "Ragusana"

LOTTO 4 - Dallo svincolo n. 8 "Francofonte" (compreso) allo svincolo della "Ragusana"(escluso)

## PROGETTO ESECUTIVO

COD. PA898

PROGETTAZIONE: ATI SINTAGMA - GP INGEGNERIA - COOPROGETTI -GDG - ICARIA - OMNISERVICE


PROGETTISTA RESPONSABILE DELL'INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE:
Dott. Ing. Nando Granieri
Ordine degli Ingegneri della Prov. di Perugia n° A351

ORDINE DEGLI INGEGNERI DELLA PROVINCIA DI PERUGIA
Sezione A
A351
DOTTORE INGEGNERE
NANDO GRANIERI
SETTORE CIVILE E AMBIENTALE
SETTORE INDUSTRIALE
SETTORE DELL'INFORMAZIONE

IL GEOLOGO:
Dott. Geol. Giorgio Cerquiglini
Ordine dei Geologi della Regione Umbria n° 108

IL COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE:
Dott. Ing. Filippo Pambianco
Ordine degli Ingegneri della Provincia di Perugia n° A1373

VISTO IL RESPONSABILE DEL PROCEDIMENTO
Dott. Ing. Luigi Mupo

IL GRUPPO DI PROGETTAZIONE:

MANDATARIA:
Sintagma
Dott. Ing. N.Granieri, Dott. Ing. F.Durastanti, Dott. Ing. V.Truffini, Dott. Arch. A.Bracchini, Dott. Ing. L.Nani
Dott. Ing. M.Abram, Dott. Ing. F.Pambianco, Dott. Ing. M.Briganti Botta, Dott. Ing. L.Gagliardini, Dott. Geol. G.Cerquiglini

MANDANTI:
GPI INGEGNERIA – GESTIONE PROGETTI INGEGNERIA srl
Dott. Ing. G.Guiducci, Dott. Ing. A.Signorelli, Dott. Ing. E.Moscatelli, Dott. Ing. A.Belà
Dott. Ing. G.Lucibello, Dott. Arch. G.Guastella, Dott. Geol. M.Leonardi, Dott. Ing. G.Parente

cooprogetti
Dott. Arch. E.A.E.Crimi, Dott. Ing. M.Panfili, Dott. Arch. P.Ghirelli, Dott. Ing. D.Pelle
Dott. Ing. L.Ragnacci, Dott. Arch. A.Strati, Archeol. M.G.Liseno

GEOTECHNICAL DESIGN GROUP
Dott. Ing. D.Carlaccini, Dott. Ing. S.Sacconi, Dott. Ing. C.Consorti
Dott. Ing. F.Aloe, Dott. Ing. A.Salvemini

ICARIA società di ingegneria
Dott. Ing. V.Rotisciani, Dott. Ing. G.Pulli, Dott. Ing. F.Macchioni
Dott. Ing. G.Verini Supplizi, Dott. Ing. V.Piunno, Geom. C.Sugaroni

OMNISERVICE ENGINEERING
Dott. Ing. P.Agnello

IL RESPONSABILE DI PROGETTO:
ORDINE degli INGEGNERI
INGEGNERE
Federico
DURASTANTI
civile ed ambientale
industriale
dell'informazione
A 844
Provincia di TERNI


# VIADOTTI
# VIADOTTO BARBAIANNI - CARR.SX
## Tabulati di calcolo dell'impalcato

| CODICE PROGETTO | | | NOME FILE | REVISIONE | SCALA: |
|---|---|---|---|---|---|
| PROGETTO | LIV. PROG. | N. PROG. | | | |
| LO408Z | E | 2101 | CODICE ELAB. T04VI02STRRE02 | A | - |

| REV. | DESCRIZIONE | DATA | REDATTO | VERIFICATO | APPROVATO |
|---|---|---|---|---|---|
| A | Emissione | Giu 2021 | M. Botta | F. Durastanti | N.Granieri |

TIME AT CENTRAL PROCESSOR = 9:56:33 ON 16/04/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| NLPZ | 98304000 |
| NPGS | 960 |
| MXELGP | 32 |

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| IDTIME | 1 |

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LL        UU    UU    SSSSS   AAAAAAAA    SSSSS
LL        UU    UU        SS  AA    AA        SS
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LLLLLLLL   UUUUUU    SSSSSS   AA    AA   SSSSSS
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Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
Forge House,
66 High Street,
Kingston upon Thames,
Surrey, KT1 1HN, UK
www.lusas.com

Sales Enquiries: Tel +44 (0)20 8541 1999
Fax +44 (0)20 8549 9399
Email: info@lusas.com

Customer Support: Tel +44 (0)20 3325 0440
Fax +44 (0)20 8549 9399
Email: support@lusas.com

This is a BETA Version of the Code supplied for TEST purposes only.
This Version has passed all the standard QA Checks, but has not undergone
field testing.
The documentation may be incomplete, file formats and commands may be
changed for the Final Release.

KeyID 10035 licensed on PC processor. Expires 1-07-2021
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
Input file : C:\PROJECTS\CT-RG\Barbaianni\modelli\LUSASFiles32\Barbaianni_Impalcato\Barbaiann

i_Impalcato~Fase1.dat

Number of processors available : 4
Maximum number of threads available : 4

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 9:56:34 ON 16/04/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M KG S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES

O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION

O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS

O P T I O N(S) 123 CLOCKWISE NODE NUMBERING

O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM

O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS

O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER

O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES

O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER

O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS

O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES

O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT

O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY

O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES

O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS

O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)

O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3

O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER

O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| JSH4 | ELEMENTS | | | |
| 1 | 1 | 2 | 1495 | 1496 |
| 9 | 9 | 10 | 1497 | 1498 |
| 10 | 13 | 12 | 1499 | 1500 |
| 20 | 18 | 17 | 1487 | 1488 |
| 21 | 28 | 29 | 1485 | 1486 |
| 22 | 39 | 40 | 1491 | 1492 |
| 23 | 42 | 41 | 1489 | 1490 |
| 24 | 52 | 53 | 1483 | 1484 |
| 25 | 63 | 64 | 1493 | 1494 |

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| QTS4 | ELEMENTS | | | |
| 446 | 422 | 423 | 480 | 479 |
| 447 | 423 | 424 | 481 | 480 |
| 448 | 424 | 425 | 482 | 481 |
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| 451 | 427 | 428 | 485 | 484 |
| 452 | 428 | 429 | 486 | 485 |
| 453 | 429 | 430 | 487 | 486 |
| 454 | 430 | 431 | 488 | 487 |
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| 457 | 433 | 434 | 491 | 490 |
| 458 | 434 | 435 | 492 | 491 |
| 459 | 435 | 436 | 493 | 492 |
| 460 | 436 | 437 | 494 | 493 |
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| 463 | 439 | 440 | 497 | 496 |
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| 470 | 446 | 447 | 504 | 503 |
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| 472 | 448 | 449 | 506 | 505 |
| 473 | 449 | 450 | 507 | 506 |
| 474 | 450 | 451 | 508 | 507 |
| 475 | 451 | 452 | 509 | 508 |
| 476 | 452 | 453 | 510 | 509 |
| 477 | 453 | 454 | 511 | 510 |
| 478 | 454 | 455 | 512 | 511 |
| 479 | 455 | 456 | 513 | 512 |
| 480 | 456 | 457 | 514 | 513 |
| 481 | 457 | 458 | 515 | 514 |
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| 485 | 461 | 462 | 519 | 518 |
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| 487 | 463 | 464 | 521 | 520 |
| 488 | 464 | 465 | 522 | 521 |
| 489 | 465 | 466 | 523 | 522 |

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|---|---|---|---|---|
| 490 | 466 | 467 | 524 | 523 |
| 491 | 467 | 468 | 525 | 524 |
| 492 | 468 | 469 | 526 | 525 |
| 493 | 469 | 470 | 527 | 526 |
| 494 | 470 | 471 | 528 | 527 |
| 495 | 471 | 472 | 529 | 528 |
| 496 | 472 | 473 | 530 | 529 |
| 497 | 473 | 474 | 531 | 530 |
| 498 | 474 | 475 | 532 | 531 |
| 499 | 475 | 476 | 533 | 532 |
| 500 | 476 | 477 | 534 | 533 |
| 501 | 477 | 478 | 535 | 534 |
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| 506 | 483 | 484 | 541 | 540 |
| 507 | 484 | 485 | 542 | 541 |
| 508 | 485 | 486 | 543 | 542 |
| 509 | 486 | 487 | 544 | 543 |
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| 511 | 488 | 489 | 546 | 545 |
| 512 | 489 | 490 | 547 | 546 |
| 513 | 490 | 491 | 548 | 547 |
| 514 | 491 | 492 | 549 | 548 |
| 515 | 492 | 493 | 550 | 549 |
| 516 | 493 | 494 | 551 | 550 |
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| 518 | 495 | 496 | 553 | 552 |
| 519 | 496 | 497 | 554 | 553 |
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| 521 | 498 | 499 | 556 | 555 |
| 522 | 499 | 500 | 557 | 556 |
| 523 | 500 | 501 | 558 | 557 |
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| 525 | 502 | 503 | 560 | 559 |
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| 527 | 504 | 505 | 562 | 561 |
| 528 | 505 | 506 | 563 | 562 |
| 529 | 506 | 507 | 564 | 563 |
| 530 | 507 | 508 | 565 | 564 |
| 531 | 508 | 509 | 566 | 565 |
| 532 | 509 | 510 | 567 | 566 |
| 533 | 510 | 511 | 568 | 567 |
| 534 | 511 | 512 | 569 | 568 |
| 535 | 512 | 513 | 570 | 569 |
| 536 | 513 | 514 | 571 | 570 |
| 537 | 514 | 515 | 572 | 571 |
| 538 | 515 | 516 | 573 | 572 |
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| 540 | 517 | 518 | 575 | 574 |
| 541 | 518 | 519 | 576 | 575 |
| 542 | 519 | 520 | 577 | 576 |
| 543 | 520 | 521 | 578 | 577 |
| 544 | 521 | 522 | 579 | 578 |
| 545 | 522 | 523 | 580 | 579 |
| 546 | 523 | 524 | 581 | 580 |
| 547 | 524 | 525 | 582 | 581 |
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| 549 | 526 | 527 | 584 | 583 |
| 550 | 527 | 528 | 585 | 584 |
| 551 | 528 | 529 | 586 | 585 |
| 552 | 529 | 530 | 587 | 586 |
| 553 | 530 | 531 | 588 | 587 |
| 554 | 531 | 532 | 589 | 588 |
| 555 | 532 | 533 | 590 | 589 |
| 556 | 533 | 534 | 591 | 590 |
| 557 | 534 | 535 | 592 | 591 |
| 614 | 536 | 537 | 594 | 593 |
| 615 | 537 | 538 | 595 | 594 |
| 616 | 538 | 539 | 596 | 595 |
| 617 | 539 | 540 | 597 | 596 |
| 618 | 540 | 541 | 598 | 597 |

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| 620 | 542 | 543 | 600 | 599 |
| 621 | 543 | 544 | 601 | 600 |
| 622 | 544 | 545 | 602 | 601 |
| 623 | 545 | 546 | 603 | 602 |
| 624 | 546 | 547 | 604 | 603 |
| 625 | 547 | 548 | 605 | 604 |
| 626 | 548 | 549 | 606 | 605 |
| 627 | 549 | 550 | 607 | 606 |
| 628 | 550 | 551 | 608 | 607 |
| 629 | 551 | 552 | 609 | 608 |
| 630 | 552 | 553 | 610 | 609 |
| 631 | 553 | 554 | 611 | 610 |
| 632 | 554 | 555 | 612 | 611 |
| 633 | 555 | 556 | 613 | 612 |
| 634 | 556 | 557 | 614 | 613 |
| 635 | 557 | 558 | 615 | 614 |
| 636 | 558 | 559 | 616 | 615 |
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| 638 | 560 | 561 | 618 | 617 |
| 639 | 561 | 562 | 619 | 618 |
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| 641 | 563 | 564 | 621 | 620 |
| 642 | 564 | 565 | 622 | 621 |
| 643 | 565 | 566 | 623 | 622 |
| 644 | 566 | 567 | 624 | 623 |
| 645 | 567 | 568 | 625 | 624 |
| 646 | 568 | 569 | 626 | 625 |
| 647 | 569 | 570 | 627 | 626 |
| 648 | 570 | 571 | 628 | 627 |
| 649 | 571 | 572 | 629 | 628 |
| 650 | 572 | 573 | 630 | 629 |
| 651 | 573 | 574 | 631 | 630 |
| 652 | 574 | 575 | 632 | 631 |
| 653 | 575 | 576 | 633 | 632 |
| 654 | 576 | 577 | 634 | 633 |
| 655 | 577 | 578 | 635 | 634 |
| 656 | 578 | 579 | 636 | 635 |
| 657 | 579 | 580 | 637 | 636 |
| 658 | 580 | 581 | 638 | 637 |
| 659 | 581 | 582 | 639 | 638 |
| 660 | 582 | 583 | 640 | 639 |
| 661 | 583 | 584 | 641 | 640 |
| 662 | 584 | 585 | 642 | 641 |
| 663 | 585 | 586 | 643 | 642 |
| 664 | 586 | 587 | 644 | 643 |
| 665 | 587 | 588 | 645 | 644 |
| 666 | 588 | 589 | 646 | 645 |
| 667 | 589 | 590 | 647 | 646 |
| 668 | 590 | 591 | 648 | 647 |
| 669 | 591 | 592 | 649 | 648 |
| 670 | 593 | 594 | 651 | 650 |
| 671 | 594 | 595 | 652 | 651 |
| 672 | 595 | 596 | 653 | 652 |
| 673 | 596 | 597 | 654 | 653 |
| 674 | 597 | 598 | 655 | 654 |
| 675 | 598 | 599 | 656 | 655 |
| 676 | 599 | 600 | 657 | 656 |
| 677 | 600 | 601 | 658 | 657 |
| 678 | 601 | 602 | 659 | 658 |
| 679 | 602 | 603 | 660 | 659 |
| 680 | 603 | 604 | 661 | 660 |
| 681 | 604 | 605 | 662 | 661 |
| 682 | 605 | 606 | 663 | 662 |
| 683 | 606 | 607 | 664 | 663 |
| 684 | 607 | 608 | 665 | 664 |
| 685 | 608 | 609 | 666 | 665 |
| 686 | 609 | 610 | 667 | 666 |
| 687 | 610 | 611 | 668 | 667 |
| 688 | 611 | 612 | 669 | 668 |
| 689 | 612 | 613 | 670 | 669 |
| 690 | 613 | 614 | 671 | 670 |
| 691 | 614 | 615 | 672 | 671 |

| | | | | |
|---|---|---|---|---|
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| 693 | 616 | 617 | 674 | 673 |
| 694 | 617 | 618 | 675 | 674 |
| 695 | 618 | 619 | 676 | 675 |
| 696 | 619 | 620 | 677 | 676 |
| 697 | 620 | 621 | 678 | 677 |
| 698 | 621 | 622 | 679 | 678 |
| 699 | 622 | 623 | 680 | 679 |
| 700 | 623 | 624 | 681 | 680 |
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| 702 | 625 | 626 | 683 | 682 |
| 703 | 626 | 627 | 684 | 683 |
| 704 | 627 | 628 | 685 | 684 |
| 705 | 628 | 629 | 686 | 685 |
| 706 | 629 | 630 | 687 | 686 |
| 707 | 630 | 631 | 688 | 687 |
| 708 | 631 | 632 | 689 | 688 |
| 709 | 632 | 633 | 690 | 689 |
| 710 | 633 | 634 | 691 | 690 |
| 711 | 634 | 635 | 692 | 691 |
| 712 | 635 | 636 | 693 | 692 |
| 713 | 636 | 637 | 694 | 693 |
| 714 | 637 | 638 | 695 | 694 |
| 715 | 638 | 639 | 696 | 695 |
| 716 | 639 | 640 | 697 | 696 |
| 717 | 640 | 641 | 698 | 697 |
| 718 | 641 | 642 | 699 | 698 |
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| 720 | 643 | 644 | 701 | 700 |
| 721 | 644 | 645 | 702 | 701 |
| 722 | 645 | 646 | 703 | 702 |
| 723 | 646 | 647 | 704 | 703 |
| 724 | 647 | 648 | 705 | 704 |
| 725 | 648 | 649 | 706 | 705 |
| 726 | 650 | 651 | 708 | 707 |
| 727 | 651 | 652 | 709 | 708 |
| 728 | 652 | 653 | 710 | 709 |
| 729 | 653 | 654 | 711 | 710 |
| 730 | 654 | 655 | 712 | 711 |
| 731 | 655 | 656 | 713 | 712 |
| 732 | 656 | 657 | 714 | 713 |
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| 736 | 660 | 661 | 718 | 717 |
| 737 | 661 | 662 | 719 | 718 |
| 738 | 662 | 663 | 720 | 719 |
| 739 | 663 | 664 | 721 | 720 |
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| 742 | 666 | 667 | 724 | 723 |
| 743 | 667 | 668 | 725 | 724 |
| 744 | 668 | 669 | 726 | 725 |
| 745 | 669 | 670 | 727 | 726 |
| 746 | 670 | 671 | 728 | 727 |
| 747 | 671 | 672 | 729 | 728 |
| 748 | 672 | 673 | 730 | 729 |
| 749 | 673 | 674 | 731 | 730 |
| 750 | 674 | 675 | 732 | 731 |
| 751 | 675 | 676 | 733 | 732 |
| 752 | 676 | 677 | 734 | 733 |
| 753 | 677 | 678 | 735 | 734 |
| 754 | 678 | 679 | 736 | 735 |
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| 757 | 681 | 682 | 739 | 738 |
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| 760 | 684 | 685 | 742 | 741 |
| 761 | 685 | 686 | 743 | 742 |
| 762 | 686 | 687 | 744 | 743 |
| 763 | 687 | 688 | 745 | 744 |
| 764 | 688 | 689 | 746 | 745 |

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| 766 | 690 | 691 | 748 | 747 |
| 767 | 691 | 692 | 749 | 748 |
| 768 | 692 | 693 | 750 | 749 |
| 769 | 693 | 694 | 751 | 750 |
| 770 | 694 | 695 | 752 | 751 |
| 771 | 695 | 696 | 753 | 752 |
| 772 | 696 | 697 | 754 | 753 |
| 773 | 697 | 698 | 755 | 754 |
| 774 | 698 | 699 | 756 | 755 |
| 775 | 699 | 700 | 757 | 756 |
| 776 | 700 | 701 | 758 | 757 |
| 777 | 701 | 702 | 759 | 758 |
| 778 | 702 | 703 | 760 | 759 |
| 779 | 703 | 704 | 761 | 760 |
| 780 | 704 | 705 | 762 | 761 |
| 781 | 705 | 706 | 763 | 762 |
| 782 | 707 | 708 | 765 | 764 |
| 783 | 708 | 709 | 766 | 765 |
| 784 | 709 | 710 | 767 | 766 |
| 785 | 710 | 711 | 768 | 767 |
| 786 | 711 | 712 | 769 | 768 |
| 787 | 712 | 713 | 770 | 769 |
| 788 | 713 | 714 | 771 | 770 |
| 789 | 714 | 715 | 772 | 771 |
| 790 | 715 | 716 | 773 | 772 |
| 791 | 716 | 717 | 774 | 773 |
| 792 | 717 | 718 | 775 | 774 |
| 793 | 718 | 719 | 776 | 775 |
| 794 | 719 | 720 | 777 | 776 |
| 795 | 720 | 721 | 778 | 777 |
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| 799 | 724 | 725 | 782 | 781 |
| 800 | 725 | 726 | 783 | 782 |
| 801 | 726 | 727 | 784 | 783 |
| 802 | 727 | 728 | 785 | 784 |
| 803 | 728 | 729 | 786 | 785 |
| 804 | 729 | 730 | 787 | 786 |
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| 806 | 731 | 732 | 789 | 788 |
| 807 | 732 | 733 | 790 | 789 |
| 808 | 733 | 734 | 791 | 790 |
| 809 | 734 | 735 | 792 | 791 |
| 810 | 735 | 736 | 793 | 792 |
| 811 | 736 | 737 | 794 | 793 |
| 812 | 737 | 738 | 795 | 794 |
| 813 | 738 | 739 | 796 | 795 |
| 814 | 739 | 740 | 797 | 796 |
| 815 | 740 | 741 | 798 | 797 |
| 816 | 741 | 742 | 799 | 798 |
| 817 | 742 | 743 | 800 | 799 |
| 818 | 743 | 744 | 801 | 800 |
| 819 | 744 | 745 | 802 | 801 |
| 820 | 745 | 746 | 803 | 802 |
| 821 | 746 | 747 | 804 | 803 |
| 822 | 747 | 748 | 805 | 804 |
| 823 | 748 | 749 | 806 | 805 |
| 824 | 749 | 750 | 807 | 806 |
| 825 | 750 | 751 | 808 | 807 |
| 826 | 751 | 752 | 809 | 808 |
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| 828 | 753 | 754 | 811 | 810 |
| 829 | 754 | 755 | 812 | 811 |
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| 831 | 756 | 757 | 814 | 813 |
| 832 | 757 | 758 | 815 | 814 |
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| 834 | 759 | 760 | 817 | 816 |
| 835 | 760 | 761 | 818 | 817 |
| 836 | 761 | 762 | 819 | 818 |
| 837 | 762 | 763 | 820 | 819 |

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|---|---|---|---|---|
| 894 | 764 | 765 | 822 | 821 |
| 895 | 765 | 766 | 823 | 822 |
| 896 | 766 | 767 | 824 | 823 |
| 897 | 767 | 768 | 825 | 824 |
| 898 | 768 | 769 | 826 | 825 |
| 899 | 769 | 770 | 827 | 826 |
| 900 | 770 | 771 | 828 | 827 |
| 901 | 771 | 772 | 829 | 828 |
| 902 | 772 | 773 | 830 | 829 |
| 903 | 773 | 774 | 831 | 830 |
| 904 | 774 | 775 | 832 | 831 |
| 905 | 775 | 776 | 833 | 832 |
| 906 | 776 | 777 | 834 | 833 |
| 907 | 777 | 778 | 835 | 834 |
| 908 | 778 | 779 | 836 | 835 |
| 909 | 779 | 780 | 837 | 836 |
| 910 | 780 | 781 | 838 | 837 |
| 911 | 781 | 782 | 839 | 838 |
| 912 | 782 | 783 | 840 | 839 |
| 913 | 783 | 784 | 841 | 840 |
| 914 | 784 | 785 | 842 | 841 |
| 915 | 785 | 786 | 843 | 842 |
| 916 | 786 | 787 | 844 | 843 |
| 917 | 787 | 788 | 845 | 844 |
| 918 | 788 | 789 | 846 | 845 |
| 919 | 789 | 790 | 847 | 846 |
| 920 | 790 | 791 | 848 | 847 |
| 921 | 791 | 792 | 849 | 848 |
| 922 | 792 | 793 | 850 | 849 |
| 923 | 793 | 794 | 851 | 850 |
| 924 | 794 | 795 | 852 | 851 |
| 925 | 795 | 796 | 853 | 852 |
| 926 | 796 | 797 | 854 | 853 |
| 927 | 797 | 798 | 855 | 854 |
| 928 | 798 | 799 | 856 | 855 |
| 929 | 799 | 800 | 857 | 856 |
| 930 | 800 | 801 | 858 | 857 |
| 931 | 801 | 802 | 859 | 858 |
| 932 | 802 | 803 | 860 | 859 |
| 933 | 803 | 804 | 861 | 860 |
| 934 | 804 | 805 | 862 | 861 |
| 935 | 805 | 806 | 863 | 862 |
| 936 | 806 | 807 | 864 | 863 |
| 937 | 807 | 808 | 865 | 864 |
| 938 | 808 | 809 | 866 | 865 |
| 939 | 809 | 810 | 867 | 866 |
| 940 | 810 | 811 | 868 | 867 |
| 941 | 811 | 812 | 869 | 868 |
| 942 | 812 | 813 | 870 | 869 |
| 943 | 813 | 814 | 871 | 870 |
| 944 | 814 | 815 | 872 | 871 |
| 945 | 815 | 816 | 873 | 872 |
| 946 | 816 | 817 | 874 | 873 |
| 947 | 817 | 818 | 875 | 874 |
| 948 | 818 | 819 | 876 | 875 |
| 949 | 819 | 820 | 877 | 876 |
| 950 | 821 | 822 | 879 | 878 |
| 951 | 822 | 823 | 880 | 879 |
| 952 | 823 | 824 | 881 | 880 |
| 953 | 824 | 825 | 882 | 881 |
| 954 | 825 | 826 | 883 | 882 |
| 955 | 826 | 827 | 884 | 883 |
| 956 | 827 | 828 | 885 | 884 |
| 957 | 828 | 829 | 886 | 885 |
| 958 | 829 | 830 | 887 | 886 |
| 959 | 830 | 831 | 888 | 887 |
| 960 | 831 | 832 | 889 | 888 |
| 961 | 832 | 833 | 890 | 889 |
| 962 | 833 | 834 | 891 | 890 |
| 963 | 834 | 835 | 892 | 891 |
| 964 | 835 | 836 | 893 | 892 |
| 965 | 836 | 837 | 894 | 893 |
| 966 | 837 | 838 | 895 | 894 |

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|---|---|---|---|---|
| 967 | 838 | 839 | 896 | 895 |
| 968 | 839 | 840 | 897 | 896 |
| 969 | 840 | 841 | 898 | 897 |
| 970 | 841 | 842 | 899 | 898 |
| 971 | 842 | 843 | 900 | 899 |
| 972 | 843 | 844 | 901 | 900 |
| 973 | 844 | 845 | 902 | 901 |
| 974 | 845 | 846 | 903 | 902 |
| 975 | 846 | 847 | 904 | 903 |
| 976 | 847 | 848 | 905 | 904 |
| 977 | 848 | 849 | 906 | 905 |
| 978 | 849 | 850 | 907 | 906 |
| 979 | 850 | 851 | 908 | 907 |
| 980 | 851 | 852 | 909 | 908 |
| 981 | 852 | 853 | 910 | 909 |
| 982 | 853 | 854 | 911 | 910 |
| 983 | 854 | 855 | 912 | 911 |
| 984 | 855 | 856 | 913 | 912 |
| 985 | 856 | 857 | 914 | 913 |
| 986 | 857 | 858 | 915 | 914 |
| 987 | 858 | 859 | 916 | 915 |
| 988 | 859 | 860 | 917 | 916 |
| 989 | 860 | 861 | 918 | 917 |
| 990 | 861 | 862 | 919 | 918 |
| 991 | 862 | 863 | 920 | 919 |
| 992 | 863 | 864 | 921 | 920 |
| 993 | 864 | 865 | 922 | 921 |
| 994 | 865 | 866 | 923 | 922 |
| 995 | 866 | 867 | 924 | 923 |
| 996 | 867 | 868 | 925 | 924 |
| 997 | 868 | 869 | 926 | 925 |
| 998 | 869 | 870 | 927 | 926 |
| 999 | 870 | 871 | 928 | 927 |
| 1000 | 871 | 872 | 929 | 928 |
| 1001 | 872 | 873 | 930 | 929 |
| 1002 | 873 | 874 | 931 | 930 |
| 1003 | 874 | 875 | 932 | 931 |
| 1004 | 875 | 876 | 933 | 932 |
| 1005 | 876 | 877 | 934 | 933 |

E L E M E N T T O P O L O G Y

ELEMENT NUMBER / ELEMENT NODE NUMBERS / END CONDITIONS (C=CONSTRAINED,F=FREE,R=RESTRAINED)

| BMI21 | ELEMENTS | | |
|---|---|---|---|
| 2 | 2 | 3 | 1096 |
| 3 | 3 | 4 | 1093 |
| 4 | 4 | 5 | 1094 |
| 5 | 5 | 11 | 1095 |
| 6 | 6 | 10 | 1106 |
| 7 | 11 | 7 | 1092 |
| 8 | 8 | 12 | 1102 |
| 11 | 10 | 14 | 1103 |
| 12 | 15 | 11 | 1091 |
| 13 | 12 | 16 | 1099 |
| 14 | 18 | 6 | 1105 |
| 15 | 28 | 7 | 1098 |
| 16 | 39 | 8 | 1101 |
| 17 | 14 | 42 | 1104 |
| 18 | 52 | 15 | 1097 |
| 19 | 16 | 63 | 1100 |
| 26 | 17 | 65 | 1153 |
| 27 | 29 | 66 | 1173 |
| 28 | 40 | 67 | 1193 |
| 29 | 41 | 68 | 1109 |
| 30 | 53 | 69 | 1129 |
| 31 | 64 | 70 | 1149 |
| 32 | 19 | 71 | 1293 |

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| 33 | 20 | 72 | 1157 |
| 34 | 21 | 73 | 1313 |
| 35 | 22 | 74 | 1161 |
| 36 | 23 | 75 | 1333 |
| 37 | 24 | 76 | 1165 |
| 38 | 25 | 77 | 1353 |
| 39 | 26 | 78 | 1169 |
| 40 | 27 | 79 | 1373 |
| 41 | 30 | 80 | 1393 |
| 42 | 31 | 81 | 1177 |
| 43 | 32 | 82 | 1413 |
| 44 | 33 | 83 | 1181 |
| 45 | 34 | 84 | 1433 |
| 46 | 35 | 85 | 1185 |
| 47 | 36 | 86 | 1453 |
| 48 | 37 | 87 | 1189 |
| 49 | 38 | 88 | 1473 |
| 50 | 43 | 89 | 1289 |
| 51 | 44 | 90 | 1113 |
| 52 | 45 | 91 | 1309 |
| 53 | 46 | 92 | 1117 |
| 54 | 47 | 93 | 1329 |
| 55 | 48 | 94 | 1121 |
| 56 | 49 | 95 | 1349 |
| 57 | 50 | 96 | 1125 |
| 58 | 51 | 97 | 1369 |
| 59 | 54 | 98 | 1389 |
| 60 | 55 | 99 | 1133 |
| 61 | 56 | 100 | 1409 |
| 62 | 57 | 101 | 1137 |
| 63 | 58 | 102 | 1429 |
| 64 | 59 | 103 | 1141 |
| 65 | 60 | 104 | 1449 |
| 66 | 61 | 105 | 1145 |
| 67 | 62 | 106 | 1469 |
| 68 | 65 | 107 | 1154 |
| 69 | 66 | 108 | 1174 |
| 70 | 67 | 109 | 1194 |
| 71 | 68 | 110 | 1110 |
| 72 | 69 | 111 | 1130 |
| 73 | 70 | 112 | 1150 |
| 74 | 71 | 113 | 1294 |
| 75 | 72 | 114 | 1158 |
| 76 | 73 | 115 | 1314 |
| 77 | 74 | 116 | 1162 |
| 78 | 75 | 117 | 1334 |
| 79 | 76 | 118 | 1166 |
| 80 | 77 | 119 | 1354 |
| 81 | 78 | 120 | 1170 |
| 82 | 79 | 121 | 1374 |
| 83 | 80 | 122 | 1394 |
| 84 | 81 | 123 | 1178 |
| 85 | 82 | 124 | 1414 |
| 86 | 83 | 125 | 1182 |
| 87 | 84 | 126 | 1434 |
| 88 | 85 | 127 | 1186 |
| 89 | 86 | 128 | 1454 |
| 90 | 87 | 129 | 1190 |
| 91 | 88 | 130 | 1474 |
| 92 | 89 | 131 | 1290 |
| 93 | 90 | 132 | 1114 |
| 94 | 91 | 133 | 1310 |
| 95 | 92 | 134 | 1118 |
| 96 | 93 | 135 | 1330 |
| 97 | 94 | 136 | 1122 |
| 98 | 95 | 137 | 1350 |
| 99 | 96 | 138 | 1126 |
| 100 | 97 | 139 | 1370 |
| 101 | 98 | 140 | 1390 |
| 102 | 99 | 141 | 1134 |
| 103 | 100 | 142 | 1410 |
| 104 | 101 | 143 | 1138 |
| 105 | 102 | 144 | 1430 |

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|---|---|---|---|
| 106 | 103 | 145 | 1142 |
| 107 | 104 | 146 | 1450 |
| 108 | 105 | 147 | 1146 |
| 109 | 106 | 148 | 1470 |
| 110 | 107 | 149 | 1151 |
| 111 | 108 | 150 | 1171 |
| 112 | 109 | 151 | 1191 |
| 113 | 110 | 152 | 1107 |
| 114 | 111 | 153 | 1127 |
| 115 | 112 | 154 | 1147 |
| 116 | 113 | 155 | 1291 |
| 117 | 114 | 156 | 1155 |
| 118 | 115 | 157 | 1311 |
| 119 | 116 | 158 | 1159 |
| 120 | 117 | 159 | 1331 |
| 121 | 118 | 160 | 1163 |
| 122 | 119 | 161 | 1351 |
| 123 | 120 | 162 | 1167 |
| 124 | 121 | 163 | 1371 |
| 125 | 122 | 164 | 1391 |
| 126 | 123 | 165 | 1175 |
| 127 | 124 | 166 | 1411 |
| 128 | 125 | 167 | 1179 |
| 129 | 126 | 168 | 1431 |
| 130 | 127 | 169 | 1183 |
| 131 | 128 | 170 | 1451 |
| 132 | 129 | 171 | 1187 |
| 133 | 130 | 172 | 1471 |
| 134 | 131 | 173 | 1287 |
| 135 | 132 | 174 | 1111 |
| 136 | 133 | 175 | 1307 |
| 137 | 134 | 176 | 1115 |
| 138 | 135 | 177 | 1327 |
| 139 | 136 | 178 | 1119 |
| 140 | 137 | 179 | 1347 |
| 141 | 138 | 180 | 1123 |
| 142 | 139 | 181 | 1367 |
| 143 | 140 | 182 | 1387 |
| 144 | 141 | 183 | 1131 |
| 145 | 142 | 184 | 1407 |
| 146 | 143 | 185 | 1135 |
| 147 | 144 | 186 | 1427 |
| 148 | 145 | 187 | 1139 |
| 149 | 146 | 188 | 1447 |
| 150 | 147 | 189 | 1143 |
| 151 | 148 | 190 | 1467 |
| 152 | 149 | 191 | 1152 |
| 153 | 150 | 201 | 1172 |
| 154 | 151 | 211 | 1192 |
| 155 | 152 | 275 | 1108 |
| 156 | 153 | 285 | 1128 |
| 157 | 154 | 295 | 1148 |
| 158 | 155 | 192 | 1292 |
| 159 | 156 | 193 | 1156 |
| 160 | 157 | 194 | 1312 |
| 161 | 158 | 195 | 1160 |
| 162 | 159 | 196 | 1332 |
| 163 | 160 | 197 | 1164 |
| 164 | 161 | 198 | 1352 |
| 165 | 162 | 199 | 1168 |
| 166 | 163 | 200 | 1372 |
| 167 | 164 | 202 | 1392 |
| 168 | 165 | 203 | 1176 |
| 169 | 166 | 204 | 1412 |
| 170 | 167 | 205 | 1180 |
| 171 | 168 | 206 | 1432 |
| 172 | 169 | 207 | 1184 |
| 173 | 170 | 208 | 1452 |
| 174 | 171 | 209 | 1188 |
| 175 | 172 | 210 | 1472 |
| 176 | 173 | 276 | 1288 |
| 177 | 174 | 277 | 1112 |
| 178 | 175 | 278 | 1308 |

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| 179 | 176 | 279 | 1116 |
| 180 | 177 | 280 | 1328 |
| 181 | 178 | 281 | 1120 |
| 182 | 179 | 282 | 1348 |
| 183 | 180 | 283 | 1124 |
| 184 | 181 | 284 | 1368 |
| 185 | 182 | 286 | 1388 |
| 186 | 183 | 287 | 1132 |
| 187 | 184 | 288 | 1408 |
| 188 | 185 | 289 | 1136 |
| 189 | 186 | 290 | 1428 |
| 190 | 187 | 291 | 1140 |
| 191 | 188 | 292 | 1448 |
| 192 | 189 | 293 | 1144 |
| 193 | 190 | 294 | 1468 |
| 194 | 191 | 212 | 1047 |
| 195 | 192 | 213 | 1283 |
| 196 | 193 | 214 | 1051 |
| 197 | 194 | 215 | 1303 |
| 198 | 195 | 216 | 1055 |
| 199 | 196 | 217 | 1323 |
| 200 | 197 | 218 | 1059 |
| 201 | 198 | 219 | 1343 |
| 202 | 199 | 220 | 1063 |
| 203 | 200 | 221 | 1363 |
| 204 | 201 | 222 | 1067 |
| 205 | 202 | 223 | 1383 |
| 206 | 203 | 224 | 1071 |
| 207 | 204 | 225 | 1403 |
| 208 | 205 | 226 | 1075 |
| 209 | 206 | 227 | 1423 |
| 210 | 207 | 228 | 1079 |
| 211 | 208 | 229 | 1443 |
| 212 | 209 | 230 | 1083 |
| 213 | 210 | 231 | 1463 |
| 214 | 211 | 232 | 1087 |
| 215 | 212 | 233 | 1048 |
| 216 | 213 | 234 | 1284 |
| 217 | 214 | 235 | 1052 |
| 218 | 215 | 236 | 1304 |
| 219 | 216 | 237 | 1056 |
| 220 | 217 | 238 | 1324 |
| 221 | 218 | 239 | 1060 |
| 222 | 219 | 240 | 1344 |
| 223 | 220 | 241 | 1064 |
| 224 | 221 | 242 | 1364 |
| 225 | 222 | 243 | 1068 |
| 226 | 223 | 244 | 1384 |
| 227 | 224 | 245 | 1072 |
| 228 | 225 | 246 | 1404 |
| 229 | 226 | 247 | 1076 |
| 230 | 227 | 248 | 1424 |
| 231 | 228 | 249 | 1080 |
| 232 | 229 | 250 | 1444 |
| 233 | 230 | 251 | 1084 |
| 234 | 231 | 252 | 1464 |
| 235 | 232 | 253 | 1088 |
| 236 | 233 | 254 | 1049 |
| 237 | 234 | 255 | 1285 |
| 238 | 235 | 256 | 1053 |
| 239 | 236 | 257 | 1305 |
| 240 | 237 | 258 | 1057 |
| 241 | 238 | 259 | 1325 |
| 242 | 239 | 260 | 1061 |
| 243 | 240 | 261 | 1345 |
| 244 | 241 | 262 | 1065 |
| 245 | 242 | 263 | 1365 |
| 246 | 243 | 264 | 1069 |
| 247 | 244 | 265 | 1385 |
| 248 | 245 | 266 | 1073 |
| 249 | 246 | 267 | 1405 |
| 250 | 247 | 268 | 1077 |
| 251 | 248 | 269 | 1425 |

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| 252 | 249 | 270 | 1081 |
| 253 | 250 | 271 | 1445 |
| 254 | 251 | 272 | 1085 |
| 255 | 252 | 273 | 1465 |
| 256 | 253 | 274 | 1089 |
| 257 | 254 | 275 | 1050 |
| 258 | 255 | 276 | 1286 |
| 259 | 256 | 277 | 1054 |
| 260 | 257 | 278 | 1306 |
| 261 | 258 | 279 | 1058 |
| 262 | 259 | 280 | 1326 |
| 263 | 260 | 281 | 1062 |
| 264 | 261 | 282 | 1346 |
| 265 | 262 | 283 | 1066 |
| 266 | 263 | 284 | 1366 |
| 267 | 264 | 285 | 1070 |
| 268 | 265 | 286 | 1386 |
| 269 | 266 | 287 | 1074 |
| 270 | 267 | 288 | 1406 |
| 271 | 268 | 289 | 1078 |
| 272 | 269 | 290 | 1426 |
| 273 | 270 | 291 | 1082 |
| 274 | 271 | 292 | 1446 |
| 275 | 272 | 293 | 1086 |
| 276 | 273 | 294 | 1466 |
| 277 | 274 | 295 | 1090 |
| 278 | 192 | 296 | 1301 |
| 279 | 193 | 297 | 1245 |
| 280 | 194 | 298 | 1321 |
| 281 | 195 | 299 | 1249 |
| 282 | 196 | 300 | 1341 |
| 283 | 197 | 301 | 1253 |
| 284 | 198 | 302 | 1361 |
| 285 | 199 | 303 | 1257 |
| 286 | 200 | 304 | 1381 |
| 287 | 202 | 305 | 1401 |
| 288 | 203 | 306 | 1265 |
| 289 | 204 | 307 | 1421 |
| 290 | 205 | 308 | 1269 |
| 291 | 206 | 309 | 1441 |
| 292 | 207 | 310 | 1273 |
| 293 | 208 | 311 | 1461 |
| 294 | 209 | 312 | 1277 |
| 295 | 210 | 313 | 1481 |
| 296 | 276 | 314 | 1297 |
| 297 | 277 | 315 | 1201 |
| 298 | 278 | 316 | 1317 |
| 299 | 279 | 317 | 1205 |
| 300 | 280 | 318 | 1337 |
| 301 | 281 | 319 | 1209 |
| 302 | 282 | 320 | 1357 |
| 303 | 283 | 321 | 1213 |
| 304 | 284 | 322 | 1377 |
| 305 | 286 | 323 | 1397 |
| 306 | 287 | 324 | 1221 |
| 307 | 288 | 325 | 1417 |
| 308 | 289 | 326 | 1225 |
| 309 | 290 | 327 | 1437 |
| 310 | 291 | 328 | 1229 |
| 311 | 292 | 329 | 1457 |
| 312 | 293 | 330 | 1233 |
| 313 | 294 | 331 | 1477 |
| 314 | 191 | 332 | 1241 |
| 315 | 201 | 333 | 1261 |
| 316 | 211 | 334 | 1281 |
| 317 | 275 | 335 | 1197 |
| 318 | 285 | 336 | 1217 |
| 319 | 295 | 337 | 1237 |
| 320 | 296 | 338 | 1302 |
| 321 | 297 | 339 | 1246 |
| 322 | 298 | 340 | 1322 |
| 323 | 299 | 341 | 1250 |
| 324 | 300 | 342 | 1342 |

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| 325 | 301 | 343 | 1254 |
| 326 | 302 | 344 | 1362 |
| 327 | 303 | 345 | 1258 |
| 328 | 304 | 346 | 1382 |
| 329 | 305 | 347 | 1402 |
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| 331 | 307 | 349 | 1422 |
| 332 | 308 | 350 | 1270 |
| 333 | 309 | 351 | 1442 |
| 334 | 310 | 352 | 1274 |
| 335 | 311 | 353 | 1462 |
| 336 | 312 | 354 | 1278 |
| 337 | 313 | 355 | 1482 |
| 338 | 314 | 356 | 1298 |
| 339 | 315 | 357 | 1202 |
| 340 | 316 | 358 | 1318 |
| 341 | 317 | 359 | 1206 |
| 342 | 318 | 360 | 1338 |
| 343 | 319 | 361 | 1210 |
| 344 | 320 | 362 | 1358 |
| 345 | 321 | 363 | 1214 |
| 346 | 322 | 364 | 1378 |
| 347 | 323 | 365 | 1398 |
| 348 | 324 | 366 | 1222 |
| 349 | 325 | 367 | 1418 |
| 350 | 326 | 368 | 1226 |
| 351 | 327 | 369 | 1438 |
| 352 | 328 | 370 | 1230 |
| 353 | 329 | 371 | 1458 |
| 354 | 330 | 372 | 1234 |
| 355 | 331 | 373 | 1478 |
| 356 | 332 | 374 | 1242 |
| 357 | 333 | 375 | 1262 |
| 358 | 334 | 376 | 1282 |
| 359 | 335 | 377 | 1198 |
| 360 | 336 | 378 | 1218 |
| 361 | 337 | 379 | 1238 |
| 362 | 338 | 380 | 1299 |
| 363 | 339 | 381 | 1243 |
| 364 | 340 | 382 | 1319 |
| 365 | 341 | 383 | 1247 |
| 366 | 342 | 384 | 1339 |
| 367 | 343 | 385 | 1251 |
| 368 | 344 | 386 | 1359 |
| 369 | 345 | 387 | 1255 |
| 370 | 346 | 388 | 1379 |
| 371 | 347 | 389 | 1399 |
| 372 | 348 | 390 | 1263 |
| 373 | 349 | 391 | 1419 |
| 374 | 350 | 392 | 1267 |
| 375 | 351 | 393 | 1439 |
| 376 | 352 | 394 | 1271 |
| 377 | 353 | 395 | 1459 |
| 378 | 354 | 396 | 1275 |
| 379 | 355 | 397 | 1479 |
| 380 | 356 | 398 | 1295 |
| 381 | 357 | 399 | 1199 |
| 382 | 358 | 400 | 1315 |
| 383 | 359 | 401 | 1203 |
| 384 | 360 | 402 | 1335 |
| 385 | 361 | 403 | 1207 |
| 386 | 362 | 404 | 1355 |
| 387 | 363 | 405 | 1211 |
| 388 | 364 | 406 | 1375 |
| 389 | 365 | 407 | 1395 |
| 390 | 366 | 408 | 1219 |
| 391 | 367 | 409 | 1415 |
| 392 | 368 | 410 | 1223 |
| 393 | 369 | 411 | 1435 |
| 394 | 370 | 412 | 1227 |
| 395 | 371 | 413 | 1455 |
| 396 | 372 | 414 | 1231 |
| 397 | 373 | 415 | 1475 |

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| 398 | 374 | 416 | 1239 |
| 399 | 375 | 417 | 1259 |
| 400 | 376 | 418 | 1279 |
| 401 | 377 | 419 | 1195 |
| 402 | 378 | 420 | 1215 |
| 403 | 379 | 421 | 1235 |
| 404 | 380 | 539 | 1300 |
| 405 | 381 | 542 | 1244 |
| 406 | 382 | 544 | 1320 |
| 407 | 383 | 547 | 1248 |
| 408 | 384 | 550 | 1340 |
| 409 | 385 | 552 | 1252 |
| 410 | 386 | 555 | 1360 |
| 411 | 387 | 558 | 1256 |
| 412 | 388 | 560 | 1380 |
| 413 | 389 | 566 | 1400 |
| 414 | 390 | 568 | 1264 |
| 415 | 391 | 571 | 1420 |
| 416 | 392 | 574 | 1268 |
| 417 | 393 | 577 | 1440 |
| 418 | 394 | 580 | 1272 |
| 419 | 395 | 583 | 1460 |
| 420 | 396 | 586 | 1276 |
| 421 | 397 | 589 | 1480 |
| 422 | 398 | 767 | 1296 |
| 423 | 399 | 770 | 1200 |
| 424 | 400 | 772 | 1316 |
| 425 | 401 | 775 | 1204 |
| 426 | 402 | 778 | 1336 |
| 427 | 403 | 780 | 1208 |
| 428 | 404 | 783 | 1356 |
| 429 | 405 | 786 | 1212 |
| 430 | 406 | 788 | 1376 |
| 431 | 407 | 794 | 1396 |
| 432 | 408 | 796 | 1220 |
| 433 | 409 | 799 | 1416 |
| 434 | 410 | 802 | 1224 |
| 435 | 411 | 805 | 1436 |
| 436 | 412 | 808 | 1228 |
| 437 | 413 | 811 | 1456 |
| 438 | 414 | 814 | 1232 |
| 439 | 415 | 817 | 1476 |
| 440 | 416 | 536 | 1240 |
| 441 | 417 | 563 | 1260 |
| 442 | 418 | 592 | 1280 |
| 443 | 419 | 764 | 1196 |
| 444 | 420 | 791 | 1216 |
| 445 | 421 | 820 | 1236 |
| 558 | 536 | 537 | 949 |
| 559 | 537 | 538 | 950 |
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| 561 | 539 | 540 | 952 |
| 562 | 540 | 541 | 953 |
| 563 | 541 | 542 | 954 |
| 564 | 542 | 543 | 935 |
| 565 | 543 | 544 | 961 |
| 566 | 544 | 545 | 962 |
| 567 | 545 | 546 | 963 |
| 568 | 546 | 547 | 964 |
| 569 | 547 | 548 | 969 |
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| 571 | 549 | 550 | 971 |
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| 573 | 551 | 552 | 936 |
| 574 | 552 | 553 | 977 |
| 575 | 553 | 554 | 978 |
| 576 | 554 | 555 | 979 |
| 577 | 555 | 556 | 980 |
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| 579 | 557 | 558 | 982 |
| 580 | 558 | 559 | 937 |
| 581 | 559 | 560 | 989 |
| 582 | 560 | 561 | 990 |

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| 583 | 561 | 562 | 991 |
| 584 | 562 | 563 | 992 |
| 585 | 563 | 564 | 997 |
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| 587 | 565 | 566 | 999 |
| 588 | 566 | 567 | 1000 |
| 589 | 567 | 568 | 938 |
| 590 | 568 | 569 | 1005 |
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| 592 | 570 | 571 | 1007 |
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| 594 | 572 | 573 | 1009 |
| 595 | 573 | 574 | 1010 |
| 596 | 574 | 575 | 947 |
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| 598 | 576 | 577 | 1018 |
| 599 | 577 | 578 | 1019 |
| 600 | 578 | 579 | 1020 |
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| 603 | 581 | 582 | 1028 |
| 604 | 582 | 583 | 1029 |
| 605 | 583 | 584 | 1030 |
| 606 | 584 | 585 | 939 |
| 607 | 585 | 586 | 940 |
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| 609 | 587 | 588 | 1036 |
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| 611 | 589 | 590 | 1038 |
| 612 | 590 | 591 | 1039 |
| 613 | 591 | 592 | 1040 |
| 838 | 764 | 765 | 955 |
| 839 | 765 | 766 | 956 |
| 840 | 766 | 767 | 957 |
| 841 | 767 | 768 | 958 |
| 842 | 768 | 769 | 959 |
| 843 | 769 | 770 | 960 |
| 844 | 770 | 771 | 941 |
| 845 | 771 | 772 | 965 |
| 846 | 772 | 773 | 966 |
| 847 | 773 | 774 | 967 |
| 848 | 774 | 775 | 968 |
| 849 | 775 | 776 | 973 |
| 850 | 776 | 777 | 974 |
| 851 | 777 | 778 | 975 |
| 852 | 778 | 779 | 976 |
| 853 | 779 | 780 | 942 |
| 854 | 780 | 781 | 983 |
| 855 | 781 | 782 | 984 |
| 856 | 782 | 783 | 985 |
| 857 | 783 | 784 | 986 |
| 858 | 784 | 785 | 987 |
| 859 | 785 | 786 | 988 |
| 860 | 786 | 787 | 943 |
| 861 | 787 | 788 | 993 |
| 862 | 788 | 789 | 994 |
| 863 | 789 | 790 | 995 |
| 864 | 790 | 791 | 996 |
| 865 | 791 | 792 | 1001 |
| 866 | 792 | 793 | 1002 |
| 867 | 793 | 794 | 1003 |
| 868 | 794 | 795 | 1004 |
| 869 | 795 | 796 | 944 |
| 870 | 796 | 797 | 1011 |
| 871 | 797 | 798 | 1012 |
| 872 | 798 | 799 | 1013 |
| 873 | 799 | 800 | 1014 |
| 874 | 800 | 801 | 1015 |
| 875 | 801 | 802 | 1016 |
| 876 | 802 | 803 | 948 |
| 877 | 803 | 804 | 1022 |
| 878 | 804 | 805 | 1023 |
| 879 | 805 | 806 | 1024 |

| | | | |
|---|---|---|---|
| 880 | 806 | 807 | 1025 |
| 881 | 807 | 808 | 1026 |
| 882 | 808 | 809 | 1031 |
| 883 | 809 | 810 | 1032 |
| 884 | 810 | 811 | 1033 |
| 885 | 811 | 812 | 1034 |
| 886 | 812 | 813 | 945 |
| 887 | 813 | 814 | 946 |
| 888 | 814 | 815 | 1041 |
| 889 | 815 | 816 | 1042 |
| 890 | 816 | 817 | 1043 |
| 891 | 817 | 818 | 1044 |
| 892 | 818 | 819 | 1045 |
| 893 | 819 | 820 | 1046 |

TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST NODE NUMBER = 1500

D E F A U L T S O L V E R C H O S E N

N O D E C O O R D I N A T E S

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|---|---|---|---|
| 1 | 40.0000 | 5.62500 | -8.60000 |
| 2 | 40.0000 | 5.62500 | -8.60000 |
| 3 | 40.0000 | 5.62500 | -6.80000 |
| 4 | 40.0000 | 5.62500 | -5.46667 |
| 5 | 40.0000 | 5.62500 | -4.13333 |
| 6 | 0.000000E+00 | 2.35000 | -2.80000 |
| 7 | 40.0000 | 2.35000 | -2.80000 |
| 8 | 81.0000 | 2.35000 | -2.80000 |
| 9 | 0.000000E+00 | 5.62500 | -2.80000 |
| 10 | 0.000000E+00 | 5.62500 | -2.80000 |
| 11 | 40.0000 | 5.62500 | -2.80000 |
| 12 | 81.0000 | 5.62500 | -2.80000 |
| 13 | 81.0000 | 5.62500 | -2.80000 |
| 14 | 0.000000E+00 | 8.90000 | -2.80000 |
| 15 | 40.0000 | 8.90000 | -2.80000 |
| 16 | 81.0000 | 8.90000 | -2.80000 |
| 17 | 0.000000E+00 | 2.35000 | -2.30000 |
| 18 | 0.000000E+00 | 2.35000 | -2.30000 |
| 19 | 4.00000 | 2.35000 | -2.30000 |
| 20 | 8.00000 | 2.35000 | -2.30000 |
| 21 | 12.0000 | 2.35000 | -2.30000 |
| 22 | 16.0000 | 2.35000 | -2.30000 |
| 23 | 20.0000 | 2.35000 | -2.30000 |
| 24 | 24.0000 | 2.35000 | -2.30000 |
| 25 | 28.0000 | 2.35000 | -2.30000 |
| 26 | 32.0000 | 2.35000 | -2.30000 |
| 27 | 36.0000 | 2.35000 | -2.30000 |
| 28 | 40.0000 | 2.35000 | -2.30000 |
| 29 | 40.0000 | 2.35000 | -2.30000 |
| 30 | 44.0000 | 2.35000 | -2.30000 |
| 31 | 48.0000 | 2.35000 | -2.30000 |
| 32 | 52.2500 | 2.35000 | -2.30000 |
| 33 | 56.5000 | 2.35000 | -2.30000 |
| 34 | 60.7500 | 2.35000 | -2.30000 |
| 35 | 65.0000 | 2.35000 | -2.30000 |
| 36 | 69.0000 | 2.35000 | -2.30000 |
| 37 | 73.0000 | 2.35000 | -2.30000 |
| 38 | 77.0000 | 2.35000 | -2.30000 |
| 39 | 81.0000 | 2.35000 | -2.30000 |
| 40 | 81.0000 | 2.35000 | -2.30000 |

| | | | |
|---|---|---|---|
| 41 | 0.000000E+00 | 8.90000 | -2.30000 |
| 42 | 0.000000E+00 | 8.90000 | -2.30000 |
| 43 | 4.00000 | 8.90000 | -2.30000 |
| 44 | 8.00000 | 8.90000 | -2.30000 |
| 45 | 12.0000 | 8.90000 | -2.30000 |
| 46 | 16.0000 | 8.90000 | -2.30000 |
| 47 | 20.0000 | 8.90000 | -2.30000 |
| 48 | 24.0000 | 8.90000 | -2.30000 |
| 49 | 28.0000 | 8.90000 | -2.30000 |
| 50 | 32.0000 | 8.90000 | -2.30000 |
| 51 | 36.0000 | 8.90000 | -2.30000 |
| 52 | 40.0000 | 8.90000 | -2.30000 |
| 53 | 40.0000 | 8.90000 | -2.30000 |
| 54 | 44.0000 | 8.90000 | -2.30000 |
| 55 | 48.0000 | 8.90000 | -2.30000 |
| 56 | 52.2500 | 8.90000 | -2.30000 |
| 57 | 56.5000 | 8.90000 | -2.30000 |
| 58 | 60.7500 | 8.90000 | -2.30000 |
| 59 | 65.0000 | 8.90000 | -2.30000 |
| 60 | 69.0000 | 8.90000 | -2.30000 |
| 61 | 73.0000 | 8.90000 | -2.30000 |
| 62 | 77.0000 | 8.90000 | -2.30000 |
| 63 | 81.0000 | 8.90000 | -2.30000 |
| 64 | 81.0000 | 8.90000 | -2.30000 |
| 65 | 0.000000E+00 | 2.35000 | -2.02500 |
| 66 | 40.0000 | 2.35000 | -2.02500 |
| 67 | 81.0000 | 2.35000 | -2.02500 |
| 68 | 0.000000E+00 | 8.90000 | -2.02500 |
| 69 | 40.0000 | 8.90000 | -2.02500 |
| 70 | 81.0000 | 8.90000 | -2.02500 |
| 71 | 4.00000 | 2.35000 | -1.89750 |
| 72 | 8.00000 | 2.35000 | -1.89750 |
| 73 | 12.0000 | 2.35000 | -1.89750 |
| 74 | 16.0000 | 2.35000 | -1.89750 |
| 75 | 20.0000 | 2.35000 | -1.89750 |
| 76 | 24.0000 | 2.35000 | -1.89750 |
| 77 | 28.0000 | 2.35000 | -1.89750 |
| 78 | 32.0000 | 2.35000 | -1.89750 |
| 79 | 36.0000 | 2.35000 | -1.89750 |
| 80 | 44.0000 | 2.35000 | -1.89750 |
| 81 | 48.0000 | 2.35000 | -1.89750 |
| 82 | 52.2500 | 2.35000 | -1.89750 |
| 83 | 56.5000 | 2.35000 | -1.89750 |
| 84 | 60.7500 | 2.35000 | -1.89750 |
| 85 | 65.0000 | 2.35000 | -1.89750 |
| 86 | 69.0000 | 2.35000 | -1.89750 |
| 87 | 73.0000 | 2.35000 | -1.89750 |
| 88 | 77.0000 | 2.35000 | -1.89750 |
| 89 | 4.00000 | 8.90000 | -1.89750 |
| 90 | 8.00000 | 8.90000 | -1.89750 |
| 91 | 12.0000 | 8.90000 | -1.89750 |
| 92 | 16.0000 | 8.90000 | -1.89750 |
| 93 | 20.0000 | 8.90000 | -1.89750 |
| 94 | 24.0000 | 8.90000 | -1.89750 |
| 95 | 28.0000 | 8.90000 | -1.89750 |
| 96 | 32.0000 | 8.90000 | -1.89750 |
| 97 | 36.0000 | 8.90000 | -1.89750 |
| 98 | 44.0000 | 8.90000 | -1.89750 |
| 99 | 48.0000 | 8.90000 | -1.89750 |
| 100 | 52.2500 | 8.90000 | -1.89750 |
| 101 | 56.5000 | 8.90000 | -1.89750 |
| 102 | 60.7500 | 8.90000 | -1.89750 |
| 103 | 65.0000 | 8.90000 | -1.89750 |
| 104 | 69.0000 | 8.90000 | -1.89750 |
| 105 | 73.0000 | 8.90000 | -1.89750 |
| 106 | 77.0000 | 8.90000 | -1.89750 |
| 107 | 0.000000E+00 | 2.35000 | -1.75000 |
| 108 | 40.0000 | 2.35000 | -1.75000 |
| 109 | 81.0000 | 2.35000 | -1.75000 |
| 110 | 0.000000E+00 | 8.90000 | -1.75000 |
| 111 | 40.0000 | 8.90000 | -1.75000 |
| 112 | 81.0000 | 8.90000 | -1.75000 |
| 113 | 4.00000 | 2.35000 | -1.49500 |

| | | | |
|---|---|---|---|
| 114 | 8.00000 | 2.35000 | -1.49500 |
| 115 | 12.0000 | 2.35000 | -1.49500 |
| 116 | 16.0000 | 2.35000 | -1.49500 |
| 117 | 20.0000 | 2.35000 | -1.49500 |
| 118 | 24.0000 | 2.35000 | -1.49500 |
| 119 | 28.0000 | 2.35000 | -1.49500 |
| 120 | 32.0000 | 2.35000 | -1.49500 |
| 121 | 36.0000 | 2.35000 | -1.49500 |
| 122 | 44.0000 | 2.35000 | -1.49500 |
| 123 | 48.0000 | 2.35000 | -1.49500 |
| 124 | 52.2500 | 2.35000 | -1.49500 |
| 125 | 56.5000 | 2.35000 | -1.49500 |
| 126 | 60.7500 | 2.35000 | -1.49500 |
| 127 | 65.0000 | 2.35000 | -1.49500 |
| 128 | 69.0000 | 2.35000 | -1.49500 |
| 129 | 73.0000 | 2.35000 | -1.49500 |
| 130 | 77.0000 | 2.35000 | -1.49500 |
| 131 | 4.00000 | 8.90000 | -1.49500 |
| 132 | 8.00000 | 8.90000 | -1.49500 |
| 133 | 12.0000 | 8.90000 | -1.49500 |
| 134 | 16.0000 | 8.90000 | -1.49500 |
| 135 | 20.0000 | 8.90000 | -1.49500 |
| 136 | 24.0000 | 8.90000 | -1.49500 |
| 137 | 28.0000 | 8.90000 | -1.49500 |
| 138 | 32.0000 | 8.90000 | -1.49500 |
| 139 | 36.0000 | 8.90000 | -1.49500 |
| 140 | 44.0000 | 8.90000 | -1.49500 |
| 141 | 48.0000 | 8.90000 | -1.49500 |
| 142 | 52.2500 | 8.90000 | -1.49500 |
| 143 | 56.5000 | 8.90000 | -1.49500 |
| 144 | 60.7500 | 8.90000 | -1.49500 |
| 145 | 65.0000 | 8.90000 | -1.49500 |
| 146 | 69.0000 | 8.90000 | -1.49500 |
| 147 | 73.0000 | 8.90000 | -1.49500 |
| 148 | 77.0000 | 8.90000 | -1.49500 |
| 149 | 0.000000E+00 | 2.35000 | -1.42500 |
| 150 | 40.0000 | 2.35000 | -1.42500 |
| 151 | 81.0000 | 2.35000 | -1.42500 |
| 152 | 0.000000E+00 | 8.90000 | -1.42500 |
| 153 | 40.0000 | 8.90000 | -1.42500 |
| 154 | 81.0000 | 8.90000 | -1.42500 |
| 155 | 4.00000 | 2.35000 | -1.29750 |
| 156 | 8.00000 | 2.35000 | -1.29750 |
| 157 | 12.0000 | 2.35000 | -1.29750 |
| 158 | 16.0000 | 2.35000 | -1.29750 |
| 159 | 20.0000 | 2.35000 | -1.29750 |
| 160 | 24.0000 | 2.35000 | -1.29750 |
| 161 | 28.0000 | 2.35000 | -1.29750 |
| 162 | 32.0000 | 2.35000 | -1.29750 |
| 163 | 36.0000 | 2.35000 | -1.29750 |
| 164 | 44.0000 | 2.35000 | -1.29750 |
| 165 | 48.0000 | 2.35000 | -1.29750 |
| 166 | 52.2500 | 2.35000 | -1.29750 |
| 167 | 56.5000 | 2.35000 | -1.29750 |
| 168 | 60.7500 | 2.35000 | -1.29750 |
| 169 | 65.0000 | 2.35000 | -1.29750 |
| 170 | 69.0000 | 2.35000 | -1.29750 |
| 171 | 73.0000 | 2.35000 | -1.29750 |
| 172 | 77.0000 | 2.35000 | -1.29750 |
| 173 | 4.00000 | 8.90000 | -1.29750 |
| 174 | 8.00000 | 8.90000 | -1.29750 |
| 175 | 12.0000 | 8.90000 | -1.29750 |
| 176 | 16.0000 | 8.90000 | -1.29750 |
| 177 | 20.0000 | 8.90000 | -1.29750 |
| 178 | 24.0000 | 8.90000 | -1.29750 |
| 179 | 28.0000 | 8.90000 | -1.29750 |
| 180 | 32.0000 | 8.90000 | -1.29750 |
| 181 | 36.0000 | 8.90000 | -1.29750 |
| 182 | 44.0000 | 8.90000 | -1.29750 |
| 183 | 48.0000 | 8.90000 | -1.29750 |
| 184 | 52.2500 | 8.90000 | -1.29750 |
| 185 | 56.5000 | 8.90000 | -1.29750 |
| 186 | 60.7500 | 8.90000 | -1.29750 |

| | | | |
|---|---|---|---|
| 187 | 65.0000 | 8.90000 | -1.29750 |
| 188 | 69.0000 | 8.90000 | -1.29750 |
| 189 | 73.0000 | 8.90000 | -1.29750 |
| 190 | 77.0000 | 8.90000 | -1.29750 |
| 191 | 0.000000E+00 | 2.35000 | -1.10000 |
| 192 | 4.00000 | 2.35000 | -1.10000 |
| 193 | 8.00000 | 2.35000 | -1.10000 |
| 194 | 12.0000 | 2.35000 | -1.10000 |
| 195 | 16.0000 | 2.35000 | -1.10000 |
| 196 | 20.0000 | 2.35000 | -1.10000 |
| 197 | 24.0000 | 2.35000 | -1.10000 |
| 198 | 28.0000 | 2.35000 | -1.10000 |
| 199 | 32.0000 | 2.35000 | -1.10000 |
| 200 | 36.0000 | 2.35000 | -1.10000 |
| 201 | 40.0000 | 2.35000 | -1.10000 |
| 202 | 44.0000 | 2.35000 | -1.10000 |
| 203 | 48.0000 | 2.35000 | -1.10000 |
| 204 | 52.2500 | 2.35000 | -1.10000 |
| 205 | 56.5000 | 2.35000 | -1.10000 |
| 206 | 60.7500 | 2.35000 | -1.10000 |
| 207 | 65.0000 | 2.35000 | -1.10000 |
| 208 | 69.0000 | 2.35000 | -1.10000 |
| 209 | 73.0000 | 2.35000 | -1.10000 |
| 210 | 77.0000 | 2.35000 | -1.10000 |
| 211 | 81.0000 | 2.35000 | -1.10000 |
| 212 | 0.000000E+00 | 3.98750 | -1.10000 |
| 213 | 4.00000 | 3.98750 | -1.10000 |
| 214 | 8.00000 | 3.98750 | -1.10000 |
| 215 | 12.0000 | 3.98750 | -1.10000 |
| 216 | 16.0000 | 3.98750 | -1.10000 |
| 217 | 20.0000 | 3.98750 | -1.10000 |
| 218 | 24.0000 | 3.98750 | -1.10000 |
| 219 | 28.0000 | 3.98750 | -1.10000 |
| 220 | 32.0000 | 3.98750 | -1.10000 |
| 221 | 36.0000 | 3.98750 | -1.10000 |
| 222 | 40.0000 | 3.98750 | -1.10000 |
| 223 | 44.0000 | 3.98750 | -1.10000 |
| 224 | 48.0000 | 3.98750 | -1.10000 |
| 225 | 52.2500 | 3.98750 | -1.10000 |
| 226 | 56.5000 | 3.98750 | -1.10000 |
| 227 | 60.7500 | 3.98750 | -1.10000 |
| 228 | 65.0000 | 3.98750 | -1.10000 |
| 229 | 69.0000 | 3.98750 | -1.10000 |
| 230 | 73.0000 | 3.98750 | -1.10000 |
| 231 | 77.0000 | 3.98750 | -1.10000 |
| 232 | 81.0000 | 3.98750 | -1.10000 |
| 233 | 0.000000E+00 | 5.62500 | -1.10000 |
| 234 | 4.00000 | 5.62500 | -1.10000 |
| 235 | 8.00000 | 5.62500 | -1.10000 |
| 236 | 12.0000 | 5.62500 | -1.10000 |
| 237 | 16.0000 | 5.62500 | -1.10000 |
| 238 | 20.0000 | 5.62500 | -1.10000 |
| 239 | 24.0000 | 5.62500 | -1.10000 |
| 240 | 28.0000 | 5.62500 | -1.10000 |
| 241 | 32.0000 | 5.62500 | -1.10000 |
| 242 | 36.0000 | 5.62500 | -1.10000 |
| 243 | 40.0000 | 5.62500 | -1.10000 |
| 244 | 44.0000 | 5.62500 | -1.10000 |
| 245 | 48.0000 | 5.62500 | -1.10000 |
| 246 | 52.2500 | 5.62500 | -1.10000 |
| 247 | 56.5000 | 5.62500 | -1.10000 |
| 248 | 60.7500 | 5.62500 | -1.10000 |
| 249 | 65.0000 | 5.62500 | -1.10000 |
| 250 | 69.0000 | 5.62500 | -1.10000 |
| 251 | 73.0000 | 5.62500 | -1.10000 |
| 252 | 77.0000 | 5.62500 | -1.10000 |
| 253 | 81.0000 | 5.62500 | -1.10000 |
| 254 | 0.000000E+00 | 7.26250 | -1.10000 |
| 255 | 4.00000 | 7.26250 | -1.10000 |
| 256 | 8.00000 | 7.26250 | -1.10000 |
| 257 | 12.0000 | 7.26250 | -1.10000 |
| 258 | 16.0000 | 7.26250 | -1.10000 |
| 259 | 20.0000 | 7.26250 | -1.10000 |

| | | | |
|---|---|---|---|
| 260 | 24.0000 | 7.26250 | -1.10000 |
| 261 | 28.0000 | 7.26250 | -1.10000 |
| 262 | 32.0000 | 7.26250 | -1.10000 |
| 263 | 36.0000 | 7.26250 | -1.10000 |
| 264 | 40.0000 | 7.26250 | -1.10000 |
| 265 | 44.0000 | 7.26250 | -1.10000 |
| 266 | 48.0000 | 7.26250 | -1.10000 |
| 267 | 52.2500 | 7.26250 | -1.10000 |
| 268 | 56.5000 | 7.26250 | -1.10000 |
| 269 | 60.7500 | 7.26250 | -1.10000 |
| 270 | 65.0000 | 7.26250 | -1.10000 |
| 271 | 69.0000 | 7.26250 | -1.10000 |
| 272 | 73.0000 | 7.26250 | -1.10000 |
| 273 | 77.0000 | 7.26250 | -1.10000 |
| 274 | 81.0000 | 7.26250 | -1.10000 |
| 275 | 0.000000E+00 | 8.90000 | -1.10000 |
| 276 | 4.00000 | 8.90000 | -1.10000 |
| 277 | 8.00000 | 8.90000 | -1.10000 |
| 278 | 12.0000 | 8.90000 | -1.10000 |
| 279 | 16.0000 | 8.90000 | -1.10000 |
| 280 | 20.0000 | 8.90000 | -1.10000 |
| 281 | 24.0000 | 8.90000 | -1.10000 |
| 282 | 28.0000 | 8.90000 | -1.10000 |
| 283 | 32.0000 | 8.90000 | -1.10000 |
| 284 | 36.0000 | 8.90000 | -1.10000 |
| 285 | 40.0000 | 8.90000 | -1.10000 |
| 286 | 44.0000 | 8.90000 | -1.10000 |
| 287 | 48.0000 | 8.90000 | -1.10000 |
| 288 | 52.2500 | 8.90000 | -1.10000 |
| 289 | 56.5000 | 8.90000 | -1.10000 |
| 290 | 60.7500 | 8.90000 | -1.10000 |
| 291 | 65.0000 | 8.90000 | -1.10000 |
| 292 | 69.0000 | 8.90000 | -1.10000 |
| 293 | 73.0000 | 8.90000 | -1.10000 |
| 294 | 77.0000 | 8.90000 | -1.10000 |
| 295 | 81.0000 | 8.90000 | -1.10000 |
| 296 | 4.00000 | 2.35000 | -0.902500 |
| 297 | 8.00000 | 2.35000 | -0.902500 |
| 298 | 12.0000 | 2.35000 | -0.902500 |
| 299 | 16.0000 | 2.35000 | -0.902500 |
| 300 | 20.0000 | 2.35000 | -0.902500 |
| 301 | 24.0000 | 2.35000 | -0.902500 |
| 302 | 28.0000 | 2.35000 | -0.902500 |
| 303 | 32.0000 | 2.35000 | -0.902500 |
| 304 | 36.0000 | 2.35000 | -0.902500 |
| 305 | 44.0000 | 2.35000 | -0.902500 |
| 306 | 48.0000 | 2.35000 | -0.902500 |
| 307 | 52.2500 | 2.35000 | -0.902500 |
| 308 | 56.5000 | 2.35000 | -0.902500 |
| 309 | 60.7500 | 2.35000 | -0.902500 |
| 310 | 65.0000 | 2.35000 | -0.902500 |
| 311 | 69.0000 | 2.35000 | -0.902500 |
| 312 | 73.0000 | 2.35000 | -0.902500 |
| 313 | 77.0000 | 2.35000 | -0.902500 |
| 314 | 4.00000 | 8.90000 | -0.902500 |
| 315 | 8.00000 | 8.90000 | -0.902500 |
| 316 | 12.0000 | 8.90000 | -0.902500 |
| 317 | 16.0000 | 8.90000 | -0.902500 |
| 318 | 20.0000 | 8.90000 | -0.902500 |
| 319 | 24.0000 | 8.90000 | -0.902500 |
| 320 | 28.0000 | 8.90000 | -0.902500 |
| 321 | 32.0000 | 8.90000 | -0.902500 |
| 322 | 36.0000 | 8.90000 | -0.902500 |
| 323 | 44.0000 | 8.90000 | -0.902500 |
| 324 | 48.0000 | 8.90000 | -0.902500 |
| 325 | 52.2500 | 8.90000 | -0.902500 |
| 326 | 56.5000 | 8.90000 | -0.902500 |
| 327 | 60.7500 | 8.90000 | -0.902500 |
| 328 | 65.0000 | 8.90000 | -0.902500 |
| 329 | 69.0000 | 8.90000 | -0.902500 |
| 330 | 73.0000 | 8.90000 | -0.902500 |
| 331 | 77.0000 | 8.90000 | -0.902500 |
| 332 | 0.000000E+00 | 2.35000 | -0.775000 |

| | | | |
|---|---|---|---|
| 333 | 40.0000 | 2.35000 | -0.775000 |
| 334 | 81.0000 | 2.35000 | -0.775000 |
| 335 | 0.000000E+00 | 8.90000 | -0.775000 |
| 336 | 40.0000 | 8.90000 | -0.775000 |
| 337 | 81.0000 | 8.90000 | -0.775000 |
| 338 | 4.00000 | 2.35000 | -0.705000 |
| 339 | 8.00000 | 2.35000 | -0.705000 |
| 340 | 12.0000 | 2.35000 | -0.705000 |
| 341 | 16.0000 | 2.35000 | -0.705000 |
| 342 | 20.0000 | 2.35000 | -0.705000 |
| 343 | 24.0000 | 2.35000 | -0.705000 |
| 344 | 28.0000 | 2.35000 | -0.705000 |
| 345 | 32.0000 | 2.35000 | -0.705000 |
| 346 | 36.0000 | 2.35000 | -0.705000 |
| 347 | 44.0000 | 2.35000 | -0.705000 |
| 348 | 48.0000 | 2.35000 | -0.705000 |
| 349 | 52.2500 | 2.35000 | -0.705000 |
| 350 | 56.5000 | 2.35000 | -0.705000 |
| 351 | 60.7500 | 2.35000 | -0.705000 |
| 352 | 65.0000 | 2.35000 | -0.705000 |
| 353 | 69.0000 | 2.35000 | -0.705000 |
| 354 | 73.0000 | 2.35000 | -0.705000 |
| 355 | 77.0000 | 2.35000 | -0.705000 |
| 356 | 4.00000 | 8.90000 | -0.705000 |
| 357 | 8.00000 | 8.90000 | -0.705000 |
| 358 | 12.0000 | 8.90000 | -0.705000 |
| 359 | 16.0000 | 8.90000 | -0.705000 |
| 360 | 20.0000 | 8.90000 | -0.705000 |
| 361 | 24.0000 | 8.90000 | -0.705000 |
| 362 | 28.0000 | 8.90000 | -0.705000 |
| 363 | 32.0000 | 8.90000 | -0.705000 |
| 364 | 36.0000 | 8.90000 | -0.705000 |
| 365 | 44.0000 | 8.90000 | -0.705000 |
| 366 | 48.0000 | 8.90000 | -0.705000 |
| 367 | 52.2500 | 8.90000 | -0.705000 |
| 368 | 56.5000 | 8.90000 | -0.705000 |
| 369 | 60.7500 | 8.90000 | -0.705000 |
| 370 | 65.0000 | 8.90000 | -0.705000 |
| 371 | 69.0000 | 8.90000 | -0.705000 |
| 372 | 73.0000 | 8.90000 | -0.705000 |
| 373 | 77.0000 | 8.90000 | -0.705000 |
| 374 | 0.000000E+00 | 2.35000 | -0.450000 |
| 375 | 40.0000 | 2.35000 | -0.450000 |
| 376 | 81.0000 | 2.35000 | -0.450000 |
| 377 | 0.000000E+00 | 8.90000 | -0.450000 |
| 378 | 40.0000 | 8.90000 | -0.450000 |
| 379 | 81.0000 | 8.90000 | -0.450000 |
| 380 | 4.00000 | 2.35000 | -0.352500 |
| 381 | 8.00000 | 2.35000 | -0.352500 |
| 382 | 12.0000 | 2.35000 | -0.352500 |
| 383 | 16.0000 | 2.35000 | -0.352500 |
| 384 | 20.0000 | 2.35000 | -0.352500 |
| 385 | 24.0000 | 2.35000 | -0.352500 |
| 386 | 28.0000 | 2.35000 | -0.352500 |
| 387 | 32.0000 | 2.35000 | -0.352500 |
| 388 | 36.0000 | 2.35000 | -0.352500 |
| 389 | 44.0000 | 2.35000 | -0.352500 |
| 390 | 48.0000 | 2.35000 | -0.352500 |
| 391 | 52.2500 | 2.35000 | -0.352500 |
| 392 | 56.5000 | 2.35000 | -0.352500 |
| 393 | 60.7500 | 2.35000 | -0.352500 |
| 394 | 65.0000 | 2.35000 | -0.352500 |
| 395 | 69.0000 | 2.35000 | -0.352500 |
| 396 | 73.0000 | 2.35000 | -0.352500 |
| 397 | 77.0000 | 2.35000 | -0.352500 |
| 398 | 4.00000 | 8.90000 | -0.352500 |
| 399 | 8.00000 | 8.90000 | -0.352500 |
| 400 | 12.0000 | 8.90000 | -0.352500 |
| 401 | 16.0000 | 8.90000 | -0.352500 |
| 402 | 20.0000 | 8.90000 | -0.352500 |
| 403 | 24.0000 | 8.90000 | -0.352500 |
| 404 | 28.0000 | 8.90000 | -0.352500 |
| 405 | 32.0000 | 8.90000 | -0.352500 |

| | | | |
|---|---|---|---|
| 406 | 36.0000 | 8.90000 | -0.352500 |
| 407 | 44.0000 | 8.90000 | -0.352500 |
| 408 | 48.0000 | 8.90000 | -0.352500 |
| 409 | 52.2500 | 8.90000 | -0.352500 |
| 410 | 56.5000 | 8.90000 | -0.352500 |
| 411 | 60.7500 | 8.90000 | -0.352500 |
| 412 | 65.0000 | 8.90000 | -0.352500 |
| 413 | 69.0000 | 8.90000 | -0.352500 |
| 414 | 73.0000 | 8.90000 | -0.352500 |
| 415 | 77.0000 | 8.90000 | -0.352500 |
| 416 | 0.000000E+00 | 2.35000 | -0.225000 |
| 417 | 40.0000 | 2.35000 | -0.225000 |
| 418 | 81.0000 | 2.35000 | -0.225000 |
| 419 | 0.000000E+00 | 8.90000 | -0.225000 |
| 420 | 40.0000 | 8.90000 | -0.225000 |
| 421 | 81.0000 | 8.90000 | -0.225000 |
| 422 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 423 | 1.33333 | 0.000000E+00 | 0.000000E+00 |
| 424 | 2.66667 | 0.000000E+00 | 0.000000E+00 |
| 425 | 4.00000 | 0.000000E+00 | 0.000000E+00 |
| 426 | 5.33333 | 0.000000E+00 | 0.000000E+00 |
| 427 | 6.66667 | 0.000000E+00 | 0.000000E+00 |
| 428 | 8.00000 | 0.000000E+00 | 0.000000E+00 |
| 429 | 10.0000 | 0.000000E+00 | 0.000000E+00 |
| 430 | 12.0000 | 0.000000E+00 | 0.000000E+00 |
| 431 | 13.3333 | 0.000000E+00 | 0.000000E+00 |
| 432 | 14.6667 | 0.000000E+00 | 0.000000E+00 |
| 433 | 16.0000 | 0.000000E+00 | 0.000000E+00 |
| 434 | 17.3333 | 0.000000E+00 | 0.000000E+00 |
| 435 | 18.6667 | 0.000000E+00 | 0.000000E+00 |
| 436 | 20.0000 | 0.000000E+00 | 0.000000E+00 |
| 437 | 22.0000 | 0.000000E+00 | 0.000000E+00 |
| 438 | 24.0000 | 0.000000E+00 | 0.000000E+00 |
| 439 | 25.3333 | 0.000000E+00 | 0.000000E+00 |
| 440 | 26.6667 | 0.000000E+00 | 0.000000E+00 |
| 441 | 28.0000 | 0.000000E+00 | 0.000000E+00 |
| 442 | 29.3333 | 0.000000E+00 | 0.000000E+00 |
| 443 | 30.6667 | 0.000000E+00 | 0.000000E+00 |
| 444 | 32.0000 | 0.000000E+00 | 0.000000E+00 |
| 445 | 34.0000 | 0.000000E+00 | 0.000000E+00 |
| 446 | 36.0000 | 0.000000E+00 | 0.000000E+00 |
| 447 | 37.3333 | 0.000000E+00 | 0.000000E+00 |
| 448 | 38.6667 | 0.000000E+00 | 0.000000E+00 |
| 449 | 40.0000 | 0.000000E+00 | 0.000000E+00 |
| 450 | 41.3333 | 0.000000E+00 | 0.000000E+00 |
| 451 | 42.6667 | 0.000000E+00 | 0.000000E+00 |
| 452 | 44.0000 | 0.000000E+00 | 0.000000E+00 |
| 453 | 46.0000 | 0.000000E+00 | 0.000000E+00 |
| 454 | 48.0000 | 0.000000E+00 | 0.000000E+00 |
| 455 | 49.4167 | 0.000000E+00 | 0.000000E+00 |
| 456 | 50.8333 | 0.000000E+00 | 0.000000E+00 |
| 457 | 52.2500 | 0.000000E+00 | 0.000000E+00 |
| 458 | 53.6667 | 0.000000E+00 | 0.000000E+00 |
| 459 | 55.0833 | 0.000000E+00 | 0.000000E+00 |
| 460 | 56.5000 | 0.000000E+00 | 0.000000E+00 |
| 461 | 58.0000 | 0.000000E+00 | 0.000000E+00 |
| 462 | 59.3750 | 0.000000E+00 | 0.000000E+00 |
| 463 | 60.7500 | 0.000000E+00 | 0.000000E+00 |
| 464 | 62.1667 | 0.000000E+00 | 0.000000E+00 |
| 465 | 63.5833 | 0.000000E+00 | 0.000000E+00 |
| 466 | 65.0000 | 0.000000E+00 | 0.000000E+00 |
| 467 | 66.3333 | 0.000000E+00 | 0.000000E+00 |
| 468 | 67.6667 | 0.000000E+00 | 0.000000E+00 |
| 469 | 69.0000 | 0.000000E+00 | 0.000000E+00 |
| 470 | 70.0000 | 0.000000E+00 | 0.000000E+00 |
| 471 | 71.5000 | 0.000000E+00 | 0.000000E+00 |
| 472 | 73.0000 | 0.000000E+00 | 0.000000E+00 |
| 473 | 74.3333 | 0.000000E+00 | 0.000000E+00 |
| 474 | 75.6667 | 0.000000E+00 | 0.000000E+00 |
| 475 | 77.0000 | 0.000000E+00 | 0.000000E+00 |
| 476 | 78.3333 | 0.000000E+00 | 0.000000E+00 |
| 477 | 79.6667 | 0.000000E+00 | 0.000000E+00 |
| 478 | 81.0000 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 479 | 0.000000E+00 | 0.750000 | 0.000000E+00 |
| 480 | 1.33333 | 0.750000 | 0.000000E+00 |
| 481 | 2.66667 | 0.750000 | 0.000000E+00 |
| 482 | 4.00000 | 0.750000 | 0.000000E+00 |
| 483 | 5.33333 | 0.750000 | 0.000000E+00 |
| 484 | 6.66667 | 0.750000 | 0.000000E+00 |
| 485 | 8.00000 | 0.750000 | 0.000000E+00 |
| 486 | 10.0000 | 0.750000 | 0.000000E+00 |
| 487 | 12.0000 | 0.750000 | 0.000000E+00 |
| 488 | 13.3333 | 0.750000 | 0.000000E+00 |
| 489 | 14.6667 | 0.750000 | 0.000000E+00 |
| 490 | 16.0000 | 0.750000 | 0.000000E+00 |
| 491 | 17.3333 | 0.750000 | 0.000000E+00 |
| 492 | 18.6667 | 0.750000 | 0.000000E+00 |
| 493 | 20.0000 | 0.750000 | 0.000000E+00 |
| 494 | 22.0000 | 0.750000 | 0.000000E+00 |
| 495 | 24.0000 | 0.750000 | 0.000000E+00 |
| 496 | 25.3333 | 0.750000 | 0.000000E+00 |
| 497 | 26.6667 | 0.750000 | 0.000000E+00 |
| 498 | 28.0000 | 0.750000 | 0.000000E+00 |
| 499 | 29.3333 | 0.750000 | 0.000000E+00 |
| 500 | 30.6667 | 0.750000 | 0.000000E+00 |
| 501 | 32.0000 | 0.750000 | 0.000000E+00 |
| 502 | 34.0000 | 0.750000 | 0.000000E+00 |
| 503 | 36.0000 | 0.750000 | 0.000000E+00 |
| 504 | 37.3333 | 0.750000 | 0.000000E+00 |
| 505 | 38.6667 | 0.750000 | 0.000000E+00 |
| 506 | 40.0000 | 0.750000 | 0.000000E+00 |
| 507 | 41.3333 | 0.750000 | 0.000000E+00 |
| 508 | 42.6667 | 0.750000 | 0.000000E+00 |
| 509 | 44.0000 | 0.750000 | 0.000000E+00 |
| 510 | 46.0000 | 0.750000 | 0.000000E+00 |
| 511 | 48.0000 | 0.750000 | 0.000000E+00 |
| 512 | 49.4167 | 0.750000 | 0.000000E+00 |
| 513 | 50.8333 | 0.750000 | 0.000000E+00 |
| 514 | 52.2500 | 0.750000 | 0.000000E+00 |
| 515 | 53.6667 | 0.750000 | 0.000000E+00 |
| 516 | 55.0833 | 0.750000 | 0.000000E+00 |
| 517 | 56.5000 | 0.750000 | 0.000000E+00 |
| 518 | 58.0000 | 0.750000 | 0.000000E+00 |
| 519 | 59.3750 | 0.750000 | 0.000000E+00 |
| 520 | 60.7500 | 0.750000 | 0.000000E+00 |
| 521 | 62.1667 | 0.750000 | 0.000000E+00 |
| 522 | 63.5833 | 0.750000 | 0.000000E+00 |
| 523 | 65.0000 | 0.750000 | 0.000000E+00 |
| 524 | 66.3333 | 0.750000 | 0.000000E+00 |
| 525 | 67.6667 | 0.750000 | 0.000000E+00 |
| 526 | 69.0000 | 0.750000 | 0.000000E+00 |
| 527 | 70.0000 | 0.750000 | 0.000000E+00 |
| 528 | 71.5000 | 0.750000 | 0.000000E+00 |
| 529 | 73.0000 | 0.750000 | 0.000000E+00 |
| 530 | 74.3333 | 0.750000 | 0.000000E+00 |
| 531 | 75.6667 | 0.750000 | 0.000000E+00 |
| 532 | 77.0000 | 0.750000 | 0.000000E+00 |
| 533 | 78.3333 | 0.750000 | 0.000000E+00 |
| 534 | 79.6667 | 0.750000 | 0.000000E+00 |
| 535 | 81.0000 | 0.750000 | 0.000000E+00 |
| 536 | 0.000000E+00 | 2.35000 | 0.000000E+00 |
| 537 | 1.33333 | 2.35000 | 0.000000E+00 |
| 538 | 2.66667 | 2.35000 | 0.000000E+00 |
| 539 | 4.00000 | 2.35000 | 0.000000E+00 |
| 540 | 5.33333 | 2.35000 | 0.000000E+00 |
| 541 | 6.66667 | 2.35000 | 0.000000E+00 |
| 542 | 8.00000 | 2.35000 | 0.000000E+00 |
| 543 | 10.0000 | 2.35000 | 0.000000E+00 |
| 544 | 12.0000 | 2.35000 | 0.000000E+00 |
| 545 | 13.3333 | 2.35000 | 0.000000E+00 |
| 546 | 14.6667 | 2.35000 | 0.000000E+00 |
| 547 | 16.0000 | 2.35000 | 0.000000E+00 |
| 548 | 17.3333 | 2.35000 | 0.000000E+00 |
| 549 | 18.6667 | 2.35000 | 0.000000E+00 |
| 550 | 20.0000 | 2.35000 | 0.000000E+00 |
| 551 | 22.0000 | 2.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 552 | 24.0000 | 2.35000 | 0.000000E+00 |
| 553 | 25.3333 | 2.35000 | 0.000000E+00 |
| 554 | 26.6667 | 2.35000 | 0.000000E+00 |
| 555 | 28.0000 | 2.35000 | 0.000000E+00 |
| 556 | 29.3333 | 2.35000 | 0.000000E+00 |
| 557 | 30.6667 | 2.35000 | 0.000000E+00 |
| 558 | 32.0000 | 2.35000 | 0.000000E+00 |
| 559 | 34.0000 | 2.35000 | 0.000000E+00 |
| 560 | 36.0000 | 2.35000 | 0.000000E+00 |
| 561 | 37.3333 | 2.35000 | 0.000000E+00 |
| 562 | 38.6667 | 2.35000 | 0.000000E+00 |
| 563 | 40.0000 | 2.35000 | 0.000000E+00 |
| 564 | 41.3333 | 2.35000 | 0.000000E+00 |
| 565 | 42.6667 | 2.35000 | 0.000000E+00 |
| 566 | 44.0000 | 2.35000 | 0.000000E+00 |
| 567 | 46.0000 | 2.35000 | 0.000000E+00 |
| 568 | 48.0000 | 2.35000 | 0.000000E+00 |
| 569 | 49.4167 | 2.35000 | 0.000000E+00 |
| 570 | 50.8333 | 2.35000 | 0.000000E+00 |
| 571 | 52.2500 | 2.35000 | 0.000000E+00 |
| 572 | 53.6667 | 2.35000 | 0.000000E+00 |
| 573 | 55.0833 | 2.35000 | 0.000000E+00 |
| 574 | 56.5000 | 2.35000 | 0.000000E+00 |
| 575 | 58.0000 | 2.35000 | 0.000000E+00 |
| 576 | 59.3750 | 2.35000 | 0.000000E+00 |
| 577 | 60.7500 | 2.35000 | 0.000000E+00 |
| 578 | 62.1667 | 2.35000 | 0.000000E+00 |
| 579 | 63.5833 | 2.35000 | 0.000000E+00 |
| 580 | 65.0000 | 2.35000 | 0.000000E+00 |
| 581 | 66.3333 | 2.35000 | 0.000000E+00 |
| 582 | 67.6667 | 2.35000 | 0.000000E+00 |
| 583 | 69.0000 | 2.35000 | 0.000000E+00 |
| 584 | 70.0000 | 2.35000 | 0.000000E+00 |
| 585 | 71.5000 | 2.35000 | 0.000000E+00 |
| 586 | 73.0000 | 2.35000 | 0.000000E+00 |
| 587 | 74.3333 | 2.35000 | 0.000000E+00 |
| 588 | 75.6667 | 2.35000 | 0.000000E+00 |
| 589 | 77.0000 | 2.35000 | 0.000000E+00 |
| 590 | 78.3333 | 2.35000 | 0.000000E+00 |
| 591 | 79.6667 | 2.35000 | 0.000000E+00 |
| 592 | 81.0000 | 2.35000 | 0.000000E+00 |
| 593 | 0.000000E+00 | 3.98750 | 0.000000E+00 |
| 594 | 1.33333 | 3.98750 | 0.000000E+00 |
| 595 | 2.66667 | 3.98750 | 0.000000E+00 |
| 596 | 4.00000 | 3.98750 | -0.111022E-15 |
| 597 | 5.33333 | 3.98750 | 0.000000E+00 |
| 598 | 6.66667 | 3.98750 | 0.000000E+00 |
| 599 | 8.00000 | 3.98750 | 0.000000E+00 |
| 600 | 10.0000 | 3.98750 | 0.000000E+00 |
| 601 | 12.0000 | 3.98750 | 0.000000E+00 |
| 602 | 13.3333 | 3.98750 | 0.000000E+00 |
| 603 | 14.6667 | 3.98750 | 0.000000E+00 |
| 604 | 16.0000 | 3.98750 | 0.000000E+00 |
| 605 | 17.3333 | 3.98750 | -0.357931E-15 |
| 606 | 18.6667 | 3.98750 | -0.930621E-15 |
| 607 | 20.0000 | 3.98750 | -0.644276E-14 |
| 608 | 22.0000 | 3.98750 | 0.000000E+00 |
| 609 | 24.0000 | 3.98750 | 0.000000E+00 |
| 610 | 25.3333 | 3.98750 | 0.000000E+00 |
| 611 | 26.6667 | 3.98750 | 0.000000E+00 |
| 612 | 28.0000 | 3.98750 | 0.277556E-16 |
| 613 | 29.3333 | 3.98750 | 0.000000E+00 |
| 614 | 30.6667 | 3.98750 | 0.000000E+00 |
| 615 | 32.0000 | 3.98750 | 0.000000E+00 |
| 616 | 34.0000 | 3.98750 | 0.000000E+00 |
| 617 | 36.0000 | 3.98750 | 0.000000E+00 |
| 618 | 37.3333 | 3.98750 | 0.000000E+00 |
| 619 | 38.6667 | 3.98750 | 0.000000E+00 |
| 620 | 40.0000 | 3.98750 | 0.000000E+00 |
| 621 | 41.3333 | 3.98750 | 0.000000E+00 |
| 622 | 42.6667 | 3.98750 | 0.000000E+00 |
| 623 | 44.0000 | 3.98750 | 0.000000E+00 |
| 624 | 46.0000 | 3.98750 | 0.000000E+00 |

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|---|---|---|---|
| 625 | 48.0000 | 3.98750 | 0.000000E+00 |
| 626 | 49.4167 | 3.98750 | 0.000000E+00 |
| 627 | 50.8333 | 3.98750 | 0.000000E+00 |
| 628 | 52.2500 | 3.98750 | -0.154043E-13 |
| 629 | 53.6667 | 3.98750 | 0.000000E+00 |
| 630 | 55.0833 | 3.98750 | 0.000000E+00 |
| 631 | 56.5000 | 3.98750 | -0.147105E-14 |
| 632 | 58.0000 | 3.98750 | 0.000000E+00 |
| 633 | 59.3750 | 3.98750 | 0.000000E+00 |
| 634 | 60.7500 | 3.98750 | 0.000000E+00 |
| 635 | 62.1667 | 3.98750 | 0.000000E+00 |
| 636 | 63.5833 | 3.98750 | 0.000000E+00 |
| 637 | 65.0000 | 3.98750 | 0.000000E+00 |
| 638 | 66.3333 | 3.98750 | 0.000000E+00 |
| 639 | 67.6667 | 3.98750 | 0.000000E+00 |
| 640 | 69.0000 | 3.98750 | 0.334455E-14 |
| 641 | 70.0000 | 3.98750 | 0.000000E+00 |
| 642 | 71.5000 | 3.98750 | 0.000000E+00 |
| 643 | 73.0000 | 3.98750 | 0.000000E+00 |
| 644 | 74.3333 | 3.98750 | 0.000000E+00 |
| 645 | 75.6667 | 3.98750 | 0.000000E+00 |
| 646 | 77.0000 | 3.98750 | 0.277556E-16 |
| 647 | 78.3333 | 3.98750 | 0.000000E+00 |
| 648 | 79.6667 | 3.98750 | 0.000000E+00 |
| 649 | 81.0000 | 3.98750 | 0.000000E+00 |
| 650 | 0.000000E+00 | 5.62500 | 0.000000E+00 |
| 651 | 1.33333 | 5.62500 | 0.000000E+00 |
| 652 | 2.66667 | 5.62500 | 0.000000E+00 |
| 653 | 4.00000 | 5.62500 | 0.000000E+00 |
| 654 | 5.33333 | 5.62500 | 0.000000E+00 |
| 655 | 6.66667 | 5.62500 | 0.000000E+00 |
| 656 | 8.00000 | 5.62500 | 0.000000E+00 |
| 657 | 10.0000 | 5.62500 | 0.000000E+00 |
| 658 | 12.0000 | 5.62500 | 0.000000E+00 |
| 659 | 13.3333 | 5.62500 | 0.000000E+00 |
| 660 | 14.6667 | 5.62500 | 0.000000E+00 |
| 661 | 16.0000 | 5.62500 | 0.000000E+00 |
| 662 | 17.3333 | 5.62500 | 0.000000E+00 |
| 663 | 18.6667 | 5.62500 | 0.000000E+00 |
| 664 | 20.0000 | 5.62500 | 0.000000E+00 |
| 665 | 22.0000 | 5.62500 | 0.000000E+00 |
| 666 | 24.0000 | 5.62500 | 0.000000E+00 |
| 667 | 25.3333 | 5.62500 | 0.000000E+00 |
| 668 | 26.6667 | 5.62500 | 0.000000E+00 |
| 669 | 28.0000 | 5.62500 | 0.000000E+00 |
| 670 | 29.3333 | 5.62500 | 0.000000E+00 |
| 671 | 30.6667 | 5.62500 | 0.000000E+00 |
| 672 | 32.0000 | 5.62500 | 0.000000E+00 |
| 673 | 34.0000 | 5.62500 | 0.000000E+00 |
| 674 | 36.0000 | 5.62500 | 0.000000E+00 |
| 675 | 37.3333 | 5.62500 | 0.000000E+00 |
| 676 | 38.6667 | 5.62500 | 0.000000E+00 |
| 677 | 40.0000 | 5.62500 | 0.000000E+00 |
| 678 | 41.3333 | 5.62500 | 0.000000E+00 |
| 679 | 42.6667 | 5.62500 | 0.000000E+00 |
| 680 | 44.0000 | 5.62500 | 0.000000E+00 |
| 681 | 46.0000 | 5.62500 | 0.000000E+00 |
| 682 | 48.0000 | 5.62500 | 0.000000E+00 |
| 683 | 49.4167 | 5.62500 | 0.000000E+00 |
| 684 | 50.8333 | 5.62500 | 0.000000E+00 |
| 685 | 52.2500 | 5.62500 | 0.000000E+00 |
| 686 | 53.6667 | 5.62500 | 0.000000E+00 |
| 687 | 55.0833 | 5.62500 | 0.000000E+00 |
| 688 | 56.5000 | 5.62500 | 0.000000E+00 |
| 689 | 58.0000 | 5.62500 | 0.000000E+00 |
| 690 | 59.3750 | 5.62500 | 0.000000E+00 |
| 691 | 60.7500 | 5.62500 | 0.000000E+00 |
| 692 | 62.1667 | 5.62500 | 0.000000E+00 |
| 693 | 63.5833 | 5.62500 | 0.000000E+00 |
| 694 | 65.0000 | 5.62500 | 0.000000E+00 |
| 695 | 66.3333 | 5.62500 | 0.000000E+00 |
| 696 | 67.6667 | 5.62500 | 0.000000E+00 |
| 697 | 69.0000 | 5.62500 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 698 | 70.0000 | 5.62500 | 0.000000E+00 |
| 699 | 71.5000 | 5.62500 | 0.000000E+00 |
| 700 | 73.0000 | 5.62500 | 0.000000E+00 |
| 701 | 74.3333 | 5.62500 | 0.000000E+00 |
| 702 | 75.6667 | 5.62500 | 0.000000E+00 |
| 703 | 77.0000 | 5.62500 | 0.000000E+00 |
| 704 | 78.3333 | 5.62500 | 0.000000E+00 |
| 705 | 79.6667 | 5.62500 | 0.000000E+00 |
| 706 | 81.0000 | 5.62500 | 0.000000E+00 |
| 707 | 0.000000E+00 | 7.26250 | 0.000000E+00 |
| 708 | 1.33333 | 7.26250 | 0.000000E+00 |
| 709 | 2.66667 | 7.26250 | 0.000000E+00 |
| 710 | 4.00000 | 7.26250 | -0.971445E-16 |
| 711 | 5.33333 | 7.26250 | 0.000000E+00 |
| 712 | 6.66667 | 7.26250 | 0.000000E+00 |
| 713 | 8.00000 | 7.26250 | 0.000000E+00 |
| 714 | 10.0000 | 7.26250 | 0.000000E+00 |
| 715 | 12.0000 | 7.26250 | 0.000000E+00 |
| 716 | 13.3333 | 7.26250 | 0.000000E+00 |
| 717 | 14.6667 | 7.26250 | 0.000000E+00 |
| 718 | 16.0000 | 7.26250 | 0.000000E+00 |
| 719 | 17.3333 | 7.26250 | 0.000000E+00 |
| 720 | 18.6667 | 7.26250 | 0.000000E+00 |
| 721 | 20.0000 | 7.26250 | 0.000000E+00 |
| 722 | 22.0000 | 7.26250 | 0.000000E+00 |
| 723 | 24.0000 | 7.26250 | 0.000000E+00 |
| 724 | 25.3333 | 7.26250 | 0.000000E+00 |
| 725 | 26.6667 | 7.26250 | 0.000000E+00 |
| 726 | 28.0000 | 7.26250 | 0.000000E+00 |
| 727 | 29.3333 | 7.26250 | 0.000000E+00 |
| 728 | 30.6667 | 7.26250 | 0.000000E+00 |
| 729 | 32.0000 | 7.26250 | 0.000000E+00 |
| 730 | 34.0000 | 7.26250 | 0.000000E+00 |
| 731 | 36.0000 | 7.26250 | 0.000000E+00 |
| 732 | 37.3333 | 7.26250 | 0.000000E+00 |
| 733 | 38.6667 | 7.26250 | 0.000000E+00 |
| 734 | 40.0000 | 7.26250 | 0.000000E+00 |
| 735 | 41.3333 | 7.26250 | 0.000000E+00 |
| 736 | 42.6667 | 7.26250 | 0.000000E+00 |
| 737 | 44.0000 | 7.26250 | 0.000000E+00 |
| 738 | 46.0000 | 7.26250 | 0.000000E+00 |
| 739 | 48.0000 | 7.26250 | 0.000000E+00 |
| 740 | 49.4167 | 7.26250 | 0.000000E+00 |
| 741 | 50.8333 | 7.26250 | 0.000000E+00 |
| 742 | 52.2500 | 7.26250 | 0.000000E+00 |
| 743 | 53.6667 | 7.26250 | 0.000000E+00 |
| 744 | 55.0833 | 7.26250 | 0.000000E+00 |
| 745 | 56.5000 | 7.26250 | 0.288658E-14 |
| 746 | 58.0000 | 7.26250 | 0.000000E+00 |
| 747 | 59.3750 | 7.26250 | 0.000000E+00 |
| 748 | 60.7500 | 7.26250 | 0.000000E+00 |
| 749 | 62.1667 | 7.26250 | 0.000000E+00 |
| 750 | 63.5833 | 7.26250 | 0.000000E+00 |
| 751 | 65.0000 | 7.26250 | 0.000000E+00 |
| 752 | 66.3333 | 7.26250 | 0.000000E+00 |
| 753 | 67.6667 | 7.26250 | 0.000000E+00 |
| 754 | 69.0000 | 7.26250 | 0.399680E-14 |
| 755 | 70.0000 | 7.26250 | 0.000000E+00 |
| 756 | 71.5000 | 7.26250 | 0.000000E+00 |
| 757 | 73.0000 | 7.26250 | 0.000000E+00 |
| 758 | 74.3333 | 7.26250 | 0.000000E+00 |
| 759 | 75.6667 | 7.26250 | 0.000000E+00 |
| 760 | 77.0000 | 7.26250 | 0.000000E+00 |
| 761 | 78.3333 | 7.26250 | 0.000000E+00 |
| 762 | 79.6667 | 7.26250 | 0.000000E+00 |
| 763 | 81.0000 | 7.26250 | 0.000000E+00 |
| 764 | 0.000000E+00 | 8.90000 | 0.000000E+00 |
| 765 | 1.33333 | 8.90000 | 0.000000E+00 |
| 766 | 2.66667 | 8.90000 | 0.000000E+00 |
| 767 | 4.00000 | 8.90000 | 0.000000E+00 |
| 768 | 5.33333 | 8.90000 | 0.000000E+00 |
| 769 | 6.66667 | 8.90000 | 0.000000E+00 |
| 770 | 8.00000 | 8.90000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 771 | 10.0000 | 8.90000 | 0.000000E+00 |
| 772 | 12.0000 | 8.90000 | 0.000000E+00 |
| 773 | 13.3333 | 8.90000 | 0.000000E+00 |
| 774 | 14.6667 | 8.90000 | 0.000000E+00 |
| 775 | 16.0000 | 8.90000 | 0.000000E+00 |
| 776 | 17.3333 | 8.90000 | 0.000000E+00 |
| 777 | 18.6667 | 8.90000 | 0.000000E+00 |
| 778 | 20.0000 | 8.90000 | 0.000000E+00 |
| 779 | 22.0000 | 8.90000 | 0.000000E+00 |
| 780 | 24.0000 | 8.90000 | 0.000000E+00 |
| 781 | 25.3333 | 8.90000 | 0.000000E+00 |
| 782 | 26.6667 | 8.90000 | 0.000000E+00 |
| 783 | 28.0000 | 8.90000 | 0.000000E+00 |
| 784 | 29.3333 | 8.90000 | 0.000000E+00 |
| 785 | 30.6667 | 8.90000 | 0.000000E+00 |
| 786 | 32.0000 | 8.90000 | 0.000000E+00 |
| 787 | 34.0000 | 8.90000 | 0.000000E+00 |
| 788 | 36.0000 | 8.90000 | 0.000000E+00 |
| 789 | 37.3333 | 8.90000 | 0.000000E+00 |
| 790 | 38.6667 | 8.90000 | 0.000000E+00 |
| 791 | 40.0000 | 8.90000 | 0.000000E+00 |
| 792 | 41.3333 | 8.90000 | 0.000000E+00 |
| 793 | 42.6667 | 8.90000 | 0.000000E+00 |
| 794 | 44.0000 | 8.90000 | 0.000000E+00 |
| 795 | 46.0000 | 8.90000 | 0.000000E+00 |
| 796 | 48.0000 | 8.90000 | 0.000000E+00 |
| 797 | 49.4167 | 8.90000 | 0.000000E+00 |
| 798 | 50.8333 | 8.90000 | 0.000000E+00 |
| 799 | 52.2500 | 8.90000 | 0.000000E+00 |
| 800 | 53.6667 | 8.90000 | 0.000000E+00 |
| 801 | 55.0833 | 8.90000 | 0.000000E+00 |
| 802 | 56.5000 | 8.90000 | 0.000000E+00 |
| 803 | 58.0000 | 8.90000 | 0.000000E+00 |
| 804 | 59.3750 | 8.90000 | 0.000000E+00 |
| 805 | 60.7500 | 8.90000 | 0.000000E+00 |
| 806 | 62.1667 | 8.90000 | 0.000000E+00 |
| 807 | 63.5833 | 8.90000 | 0.000000E+00 |
| 808 | 65.0000 | 8.90000 | 0.000000E+00 |
| 809 | 66.3333 | 8.90000 | 0.000000E+00 |
| 810 | 67.6667 | 8.90000 | 0.000000E+00 |
| 811 | 69.0000 | 8.90000 | 0.000000E+00 |
| 812 | 70.0000 | 8.90000 | 0.000000E+00 |
| 813 | 71.5000 | 8.90000 | 0.000000E+00 |
| 814 | 73.0000 | 8.90000 | 0.000000E+00 |
| 815 | 74.3333 | 8.90000 | 0.000000E+00 |
| 816 | 75.6667 | 8.90000 | 0.000000E+00 |
| 817 | 77.0000 | 8.90000 | 0.000000E+00 |
| 818 | 78.3333 | 8.90000 | 0.000000E+00 |
| 819 | 79.6667 | 8.90000 | 0.000000E+00 |
| 820 | 81.0000 | 8.90000 | 0.000000E+00 |
| 821 | 0.000000E+00 | 10.5000 | 0.000000E+00 |
| 822 | 1.33333 | 10.5000 | 0.000000E+00 |
| 823 | 2.66667 | 10.5000 | 0.000000E+00 |
| 824 | 4.00000 | 10.5000 | 0.000000E+00 |
| 825 | 5.33333 | 10.5000 | 0.000000E+00 |
| 826 | 6.66667 | 10.5000 | 0.000000E+00 |
| 827 | 8.00000 | 10.5000 | 0.000000E+00 |
| 828 | 10.0000 | 10.5000 | 0.000000E+00 |
| 829 | 12.0000 | 10.5000 | 0.000000E+00 |
| 830 | 13.3333 | 10.5000 | 0.000000E+00 |
| 831 | 14.6667 | 10.5000 | 0.000000E+00 |
| 832 | 16.0000 | 10.5000 | 0.000000E+00 |
| 833 | 17.3333 | 10.5000 | 0.000000E+00 |
| 834 | 18.6667 | 10.5000 | 0.000000E+00 |
| 835 | 20.0000 | 10.5000 | 0.000000E+00 |
| 836 | 22.0000 | 10.5000 | 0.000000E+00 |
| 837 | 24.0000 | 10.5000 | 0.000000E+00 |
| 838 | 25.3333 | 10.5000 | 0.000000E+00 |
| 839 | 26.6667 | 10.5000 | 0.000000E+00 |
| 840 | 28.0000 | 10.5000 | 0.000000E+00 |
| 841 | 29.3333 | 10.5000 | 0.000000E+00 |
| 842 | 30.6667 | 10.5000 | 0.000000E+00 |
| 843 | 32.0000 | 10.5000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 844 | 34.0000 | 10.5000 | 0.000000E+00 |
| 845 | 36.0000 | 10.5000 | 0.000000E+00 |
| 846 | 37.3333 | 10.5000 | 0.000000E+00 |
| 847 | 38.6667 | 10.5000 | 0.000000E+00 |
| 848 | 40.0000 | 10.5000 | 0.000000E+00 |
| 849 | 41.3333 | 10.5000 | 0.000000E+00 |
| 850 | 42.6667 | 10.5000 | 0.000000E+00 |
| 851 | 44.0000 | 10.5000 | 0.000000E+00 |
| 852 | 46.0000 | 10.5000 | 0.000000E+00 |
| 853 | 48.0000 | 10.5000 | 0.000000E+00 |
| 854 | 49.4167 | 10.5000 | 0.000000E+00 |
| 855 | 50.8333 | 10.5000 | 0.000000E+00 |
| 856 | 52.2500 | 10.5000 | 0.000000E+00 |
| 857 | 53.6667 | 10.5000 | 0.000000E+00 |
| 858 | 55.0833 | 10.5000 | 0.000000E+00 |
| 859 | 56.5000 | 10.5000 | 0.000000E+00 |
| 860 | 58.0000 | 10.5000 | 0.000000E+00 |
| 861 | 59.3750 | 10.5000 | 0.000000E+00 |
| 862 | 60.7500 | 10.5000 | 0.000000E+00 |
| 863 | 62.1667 | 10.5000 | 0.000000E+00 |
| 864 | 63.5833 | 10.5000 | 0.000000E+00 |
| 865 | 65.0000 | 10.5000 | 0.000000E+00 |
| 866 | 66.3333 | 10.5000 | 0.000000E+00 |
| 867 | 67.6667 | 10.5000 | 0.000000E+00 |
| 868 | 69.0000 | 10.5000 | 0.000000E+00 |
| 869 | 70.0000 | 10.5000 | 0.000000E+00 |
| 870 | 71.5000 | 10.5000 | 0.000000E+00 |
| 871 | 73.0000 | 10.5000 | 0.000000E+00 |
| 872 | 74.3333 | 10.5000 | 0.000000E+00 |
| 873 | 75.6667 | 10.5000 | 0.000000E+00 |
| 874 | 77.0000 | 10.5000 | 0.000000E+00 |
| 875 | 78.3333 | 10.5000 | 0.000000E+00 |
| 876 | 79.6667 | 10.5000 | 0.000000E+00 |
| 877 | 81.0000 | 10.5000 | 0.000000E+00 |
| 878 | 0.000000E+00 | 11.2500 | 0.000000E+00 |
| 879 | 1.33333 | 11.2500 | 0.000000E+00 |
| 880 | 2.66667 | 11.2500 | 0.000000E+00 |
| 881 | 4.00000 | 11.2500 | 0.000000E+00 |
| 882 | 5.33333 | 11.2500 | 0.000000E+00 |
| 883 | 6.66667 | 11.2500 | 0.000000E+00 |
| 884 | 8.00000 | 11.2500 | 0.000000E+00 |
| 885 | 10.0000 | 11.2500 | 0.000000E+00 |
| 886 | 12.0000 | 11.2500 | 0.000000E+00 |
| 887 | 13.3333 | 11.2500 | 0.000000E+00 |
| 888 | 14.6667 | 11.2500 | 0.000000E+00 |
| 889 | 16.0000 | 11.2500 | 0.000000E+00 |
| 890 | 17.3333 | 11.2500 | 0.000000E+00 |
| 891 | 18.6667 | 11.2500 | 0.000000E+00 |
| 892 | 20.0000 | 11.2500 | 0.000000E+00 |
| 893 | 22.0000 | 11.2500 | 0.000000E+00 |
| 894 | 24.0000 | 11.2500 | 0.000000E+00 |
| 895 | 25.3333 | 11.2500 | 0.000000E+00 |
| 896 | 26.6667 | 11.2500 | 0.000000E+00 |
| 897 | 28.0000 | 11.2500 | 0.000000E+00 |
| 898 | 29.3333 | 11.2500 | 0.000000E+00 |
| 899 | 30.6667 | 11.2500 | 0.000000E+00 |
| 900 | 32.0000 | 11.2500 | 0.000000E+00 |
| 901 | 34.0000 | 11.2500 | 0.000000E+00 |
| 902 | 36.0000 | 11.2500 | 0.000000E+00 |
| 903 | 37.3333 | 11.2500 | 0.000000E+00 |
| 904 | 38.6667 | 11.2500 | 0.000000E+00 |
| 905 | 40.0000 | 11.2500 | 0.000000E+00 |
| 906 | 41.3333 | 11.2500 | 0.000000E+00 |
| 907 | 42.6667 | 11.2500 | 0.000000E+00 |
| 908 | 44.0000 | 11.2500 | 0.000000E+00 |
| 909 | 46.0000 | 11.2500 | 0.000000E+00 |
| 910 | 48.0000 | 11.2500 | 0.000000E+00 |
| 911 | 49.4167 | 11.2500 | 0.000000E+00 |
| 912 | 50.8333 | 11.2500 | 0.000000E+00 |
| 913 | 52.2500 | 11.2500 | 0.000000E+00 |
| 914 | 53.6667 | 11.2500 | 0.000000E+00 |
| 915 | 55.0833 | 11.2500 | 0.000000E+00 |
| 916 | 56.5000 | 11.2500 | 0.000000E+00 |

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|---|---|---|---|
| 917 | 58.0000 | 11.2500 | 0.000000E+00 |
| 918 | 59.3750 | 11.2500 | 0.000000E+00 |
| 919 | 60.7500 | 11.2500 | 0.000000E+00 |
| 920 | 62.1667 | 11.2500 | 0.000000E+00 |
| 921 | 63.5833 | 11.2500 | 0.000000E+00 |
| 922 | 65.0000 | 11.2500 | 0.000000E+00 |
| 923 | 66.3333 | 11.2500 | 0.000000E+00 |
| 924 | 67.6667 | 11.2500 | 0.000000E+00 |
| 925 | 69.0000 | 11.2500 | 0.000000E+00 |
| 926 | 70.0000 | 11.2500 | 0.000000E+00 |
| 927 | 71.5000 | 11.2500 | 0.000000E+00 |
| 928 | 73.0000 | 11.2500 | 0.000000E+00 |
| 929 | 74.3333 | 11.2500 | 0.000000E+00 |
| 930 | 75.6667 | 11.2500 | 0.000000E+00 |
| 931 | 77.0000 | 11.2500 | 0.000000E+00 |
| 932 | 78.3333 | 11.2500 | 0.000000E+00 |
| 933 | 79.6667 | 11.2500 | 0.000000E+00 |
| 934 | 81.0000 | 11.2500 | 0.000000E+00 |
| 935 | 8.00000 | 3.35000 | 0.000000E+00 |
| 936 | 22.0000 | 3.35000 | 0.000000E+00 |
| 937 | 32.0000 | 3.35000 | 0.000000E+00 |
| 938 | 46.0000 | 3.35000 | 0.000000E+00 |
| 939 | 70.0000 | 3.35000 | 0.000000E+00 |
| 940 | 71.5000 | 3.35000 | 0.000000E+00 |
| 941 | 8.00000 | 9.90000 | 0.000000E+00 |
| 942 | 22.0000 | 9.90000 | 0.000000E+00 |
| 943 | 32.0000 | 9.90000 | 0.000000E+00 |
| 944 | 46.0000 | 9.90000 | 0.000000E+00 |
| 945 | 70.0000 | 9.90000 | 0.000000E+00 |
| 946 | 71.5000 | 9.90000 | 0.000000E+00 |
| 947 | 56.5000 | 3.35000 | 0.000000E+00 |
| 948 | 56.5000 | 9.90000 | 0.000000E+00 |
| 949 | 0.000000E+00 | 3.35000 | 0.000000E+00 |
| 950 | 1.33333 | 3.35000 | 0.000000E+00 |
| 951 | 2.66667 | 3.35000 | 0.000000E+00 |
| 952 | 4.00000 | 3.35000 | 0.000000E+00 |
| 953 | 5.33333 | 3.35000 | 0.000000E+00 |
| 954 | 6.66667 | 3.35000 | 0.000000E+00 |
| 955 | 0.000000E+00 | 9.90000 | 0.000000E+00 |
| 956 | 1.33333 | 9.90000 | 0.000000E+00 |
| 957 | 2.66667 | 9.90000 | 0.000000E+00 |
| 958 | 4.00000 | 9.90000 | 0.000000E+00 |
| 959 | 5.33333 | 9.90000 | 0.000000E+00 |
| 960 | 6.66667 | 9.90000 | 0.000000E+00 |
| 961 | 10.0000 | 3.35000 | 0.000000E+00 |
| 962 | 12.0000 | 3.35000 | 0.000000E+00 |
| 963 | 13.3333 | 3.35000 | 0.000000E+00 |
| 964 | 14.6667 | 3.35000 | 0.000000E+00 |
| 965 | 10.0000 | 9.90000 | 0.000000E+00 |
| 966 | 12.0000 | 9.90000 | 0.000000E+00 |
| 967 | 13.3333 | 9.90000 | 0.000000E+00 |
| 968 | 14.6667 | 9.90000 | 0.000000E+00 |
| 969 | 16.0000 | 3.35000 | 0.000000E+00 |
| 970 | 17.3333 | 3.35000 | 0.000000E+00 |
| 971 | 18.6667 | 3.35000 | 0.000000E+00 |
| 972 | 20.0000 | 3.35000 | 0.000000E+00 |
| 973 | 16.0000 | 9.90000 | 0.000000E+00 |
| 974 | 17.3333 | 9.90000 | 0.000000E+00 |
| 975 | 18.6667 | 9.90000 | 0.000000E+00 |
| 976 | 20.0000 | 9.90000 | 0.000000E+00 |
| 977 | 24.0000 | 3.35000 | 0.000000E+00 |
| 978 | 25.3333 | 3.35000 | 0.000000E+00 |
| 979 | 26.6667 | 3.35000 | 0.000000E+00 |
| 980 | 28.0000 | 3.35000 | 0.000000E+00 |
| 981 | 29.3333 | 3.35000 | 0.000000E+00 |
| 982 | 30.6667 | 3.35000 | 0.000000E+00 |
| 983 | 24.0000 | 9.90000 | 0.000000E+00 |
| 984 | 25.3333 | 9.90000 | 0.000000E+00 |
| 985 | 26.6667 | 9.90000 | 0.000000E+00 |
| 986 | 28.0000 | 9.90000 | 0.000000E+00 |
| 987 | 29.3333 | 9.90000 | 0.000000E+00 |
| 988 | 30.6667 | 9.90000 | 0.000000E+00 |
| 989 | 34.0000 | 3.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 990 | 36.0000 | 3.35000 | 0.000000E+00 |
| 991 | 37.3333 | 3.35000 | 0.000000E+00 |
| 992 | 38.6667 | 3.35000 | 0.000000E+00 |
| 993 | 34.0000 | 9.90000 | 0.000000E+00 |
| 994 | 36.0000 | 9.90000 | 0.000000E+00 |
| 995 | 37.3333 | 9.90000 | 0.000000E+00 |
| 996 | 38.6667 | 9.90000 | 0.000000E+00 |
| 997 | 40.0000 | 3.35000 | 0.000000E+00 |
| 998 | 41.3333 | 3.35000 | 0.000000E+00 |
| 999 | 42.6667 | 3.35000 | 0.000000E+00 |
| 1000 | 44.0000 | 3.35000 | 0.000000E+00 |
| 1001 | 40.0000 | 9.90000 | 0.000000E+00 |
| 1002 | 41.3333 | 9.90000 | 0.000000E+00 |
| 1003 | 42.6667 | 9.90000 | 0.000000E+00 |
| 1004 | 44.0000 | 9.90000 | 0.000000E+00 |
| 1005 | 48.0000 | 3.35000 | 0.000000E+00 |
| 1006 | 49.4167 | 3.35000 | 0.000000E+00 |
| 1007 | 50.8333 | 3.35000 | 0.000000E+00 |
| 1008 | 52.2500 | 3.35000 | 0.000000E+00 |
| 1009 | 53.6667 | 3.35000 | 0.000000E+00 |
| 1010 | 55.0833 | 3.35000 | 0.000000E+00 |
| 1011 | 48.0000 | 9.90000 | 0.000000E+00 |
| 1012 | 49.4167 | 9.90000 | 0.000000E+00 |
| 1013 | 50.8333 | 9.90000 | 0.000000E+00 |
| 1014 | 52.2500 | 9.90000 | 0.000000E+00 |
| 1015 | 53.6667 | 9.90000 | 0.000000E+00 |
| 1016 | 55.0833 | 9.90000 | 0.000000E+00 |
| 1017 | 58.0000 | 3.35000 | 0.000000E+00 |
| 1018 | 59.3750 | 3.35000 | 0.000000E+00 |
| 1019 | 60.7500 | 3.35000 | 0.000000E+00 |
| 1020 | 62.1667 | 3.35000 | 0.000000E+00 |
| 1021 | 63.5833 | 3.35000 | 0.000000E+00 |
| 1022 | 58.0000 | 9.90000 | 0.000000E+00 |
| 1023 | 59.3750 | 9.90000 | 0.000000E+00 |
| 1024 | 60.7500 | 9.90000 | 0.000000E+00 |
| 1025 | 62.1667 | 9.90000 | 0.000000E+00 |
| 1026 | 63.5833 | 9.90000 | 0.000000E+00 |
| 1027 | 65.0000 | 3.35000 | 0.000000E+00 |
| 1028 | 66.3333 | 3.35000 | 0.000000E+00 |
| 1029 | 67.6667 | 3.35000 | 0.000000E+00 |
| 1030 | 69.0000 | 3.35000 | 0.000000E+00 |
| 1031 | 65.0000 | 9.90000 | 0.000000E+00 |
| 1032 | 66.3333 | 9.90000 | 0.000000E+00 |
| 1033 | 67.6667 | 9.90000 | 0.000000E+00 |
| 1034 | 69.0000 | 9.90000 | 0.000000E+00 |
| 1035 | 73.0000 | 3.35000 | 0.000000E+00 |
| 1036 | 74.3333 | 3.35000 | 0.000000E+00 |
| 1037 | 75.6667 | 3.35000 | 0.000000E+00 |
| 1038 | 77.0000 | 3.35000 | 0.000000E+00 |
| 1039 | 78.3333 | 3.35000 | 0.000000E+00 |
| 1040 | 79.6667 | 3.35000 | 0.000000E+00 |
| 1041 | 73.0000 | 9.90000 | 0.000000E+00 |
| 1042 | 74.3333 | 9.90000 | 0.000000E+00 |
| 1043 | 75.6667 | 9.90000 | 0.000000E+00 |
| 1044 | 77.0000 | 9.90000 | 0.000000E+00 |
| 1045 | 78.3333 | 9.90000 | 0.000000E+00 |
| 1046 | 79.6667 | 9.90000 | 0.000000E+00 |
| 1047 | -1.00000 | 2.35000 | -1.10000 |
| 1048 | -1.00000 | 3.98750 | -1.10000 |
| 1049 | -1.00000 | 5.62500 | -1.10000 |
| 1050 | -1.00000 | 7.26250 | -1.10000 |
| 1051 | 7.00000 | 2.35000 | -1.10000 |
| 1052 | 7.00000 | 3.98750 | -1.10000 |
| 1053 | 7.00000 | 5.62500 | -1.10000 |
| 1054 | 7.00000 | 7.26250 | -1.10000 |
| 1055 | 15.0000 | 2.35000 | -1.10000 |
| 1056 | 15.0000 | 3.98750 | -1.10000 |
| 1057 | 15.0000 | 5.62500 | -1.10000 |
| 1058 | 15.0000 | 7.26250 | -1.10000 |
| 1059 | 23.0000 | 2.35000 | -1.10000 |
| 1060 | 23.0000 | 3.98750 | -1.10000 |
| 1061 | 23.0000 | 5.62500 | -1.10000 |
| 1062 | 23.0000 | 7.26250 | -1.10000 |

| | | | |
|---|---|---|---|
| 1063 | 31.0000 | 2.35000 | -1.10000 |
| 1064 | 31.0000 | 3.98750 | -1.10000 |
| 1065 | 31.0000 | 5.62500 | -1.10000 |
| 1066 | 31.0000 | 7.26250 | -1.10000 |
| 1067 | 39.0000 | 2.35000 | -1.10000 |
| 1068 | 39.0000 | 3.98750 | -1.10000 |
| 1069 | 39.0000 | 5.62500 | -1.10000 |
| 1070 | 39.0000 | 7.26250 | -1.10000 |
| 1071 | 47.0000 | 2.35000 | -1.10000 |
| 1072 | 47.0000 | 3.98750 | -1.10000 |
| 1073 | 47.0000 | 5.62500 | -1.10000 |
| 1074 | 47.0000 | 7.26250 | -1.10000 |
| 1075 | 55.5000 | 2.35000 | -1.10000 |
| 1076 | 55.5000 | 3.98750 | -1.10000 |
| 1077 | 55.5000 | 5.62500 | -1.10000 |
| 1078 | 55.5000 | 7.26250 | -1.10000 |
| 1079 | 64.0000 | 2.35000 | -1.10000 |
| 1080 | 64.0000 | 3.98750 | -1.10000 |
| 1081 | 64.0000 | 5.62500 | -1.10000 |
| 1082 | 64.0000 | 7.26250 | -1.10000 |
| 1083 | 72.0000 | 2.35000 | -1.10000 |
| 1084 | 72.0000 | 3.98750 | -1.10000 |
| 1085 | 72.0000 | 5.62500 | -1.10000 |
| 1086 | 72.0000 | 7.26250 | -1.10000 |
| 1087 | 80.0000 | 2.35000 | -1.10000 |
| 1088 | 80.0000 | 3.98750 | -1.10000 |
| 1089 | 80.0000 | 5.62500 | -1.10000 |
| 1090 | 80.0000 | 7.26250 | -1.10000 |
| 1091 | 41.0917 | 8.90000 | -2.80000 |
| 1092 | 41.0917 | 5.62500 | -2.80000 |
| 1093 | 40.0000 | 4.62500 | -6.80000 |
| 1094 | 40.0000 | 4.62500 | -5.46667 |
| 1095 | 40.0000 | 4.62500 | -4.13333 |
| 1096 | 40.0000 | 4.62500 | -8.60000 |
| 1097 | 40.0000 | 9.90000 | -2.30000 |
| 1098 | 40.0000 | 3.35000 | -2.30000 |
| 1099 | 79.9083 | 5.62500 | -2.80000 |
| 1100 | 81.0000 | 7.90000 | -2.80000 |
| 1101 | 81.0000 | 3.35000 | -2.30000 |
| 1102 | 79.9083 | 2.35000 | -2.80000 |
| 1103 | -1.09167 | 5.62500 | -2.80000 |
| 1104 | 0.000000E+00 | 7.90000 | -2.80000 |
| 1105 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1106 | -1.09167 | 2.35000 | -2.80000 |
| 1107 | 1.00000 | 8.90000 | -1.75000 |
| 1108 | 1.00000 | 8.90000 | -1.42500 |
| 1109 | 1.00000 | 8.90000 | -2.30000 |
| 1110 | 1.00000 | 8.90000 | -2.02500 |
| 1111 | 9.00000 | 8.90000 | -1.49500 |
| 1112 | 9.00000 | 8.90000 | -1.29750 |
| 1113 | 9.00000 | 8.90000 | -2.30000 |
| 1114 | 9.00000 | 8.90000 | -1.89750 |
| 1115 | 17.0000 | 8.90000 | -1.49500 |
| 1116 | 17.0000 | 8.90000 | -1.29750 |
| 1117 | 17.0000 | 8.90000 | -2.30000 |
| 1118 | 17.0000 | 8.90000 | -1.89750 |
| 1119 | 25.0000 | 8.90000 | -1.49500 |
| 1120 | 25.0000 | 8.90000 | -1.29750 |
| 1121 | 25.0000 | 8.90000 | -2.30000 |
| 1122 | 25.0000 | 8.90000 | -1.89750 |
| 1123 | 33.0000 | 8.90000 | -1.49500 |
| 1124 | 33.0000 | 8.90000 | -1.29750 |
| 1125 | 33.0000 | 8.90000 | -2.30000 |
| 1126 | 33.0000 | 8.90000 | -1.89750 |
| 1127 | 41.0000 | 8.90000 | -1.75000 |
| 1128 | 41.0000 | 8.90000 | -1.42500 |
| 1129 | 41.0000 | 8.90000 | -2.30000 |
| 1130 | 41.0000 | 8.90000 | -2.02500 |
| 1131 | 49.0000 | 8.90000 | -1.49500 |
| 1132 | 49.0000 | 8.90000 | -1.29750 |
| 1133 | 49.0000 | 8.90000 | -2.30000 |
| 1134 | 49.0000 | 8.90000 | -1.89750 |
| 1135 | 57.5000 | 8.90000 | -1.49500 |

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|---|---|---|---|
| 1136 | 57.5000 | 8.90000 | -1.29750 |
| 1137 | 57.5000 | 8.90000 | -2.30000 |
| 1138 | 57.5000 | 8.90000 | -1.89750 |
| 1139 | 66.0000 | 8.90000 | -1.49500 |
| 1140 | 66.0000 | 8.90000 | -1.29750 |
| 1141 | 66.0000 | 8.90000 | -2.30000 |
| 1142 | 66.0000 | 8.90000 | -1.89750 |
| 1143 | 74.0000 | 8.90000 | -1.49500 |
| 1144 | 74.0000 | 8.90000 | -1.29750 |
| 1145 | 74.0000 | 8.90000 | -2.30000 |
| 1146 | 74.0000 | 8.90000 | -1.89750 |
| 1147 | 82.0000 | 8.90000 | -1.75000 |
| 1148 | 82.0000 | 8.90000 | -1.42500 |
| 1149 | 82.0000 | 8.90000 | -2.30000 |
| 1150 | 82.0000 | 8.90000 | -2.02500 |
| 1151 | -1.00000 | 2.35000 | -1.75000 |
| 1152 | -1.00000 | 2.35000 | -1.42500 |
| 1153 | -1.00000 | 2.35000 | -2.30000 |
| 1154 | -1.00000 | 2.35000 | -2.02500 |
| 1155 | 7.00000 | 2.35000 | -1.49500 |
| 1156 | 7.00000 | 2.35000 | -1.29750 |
| 1157 | 7.00000 | 2.35000 | -2.30000 |
| 1158 | 7.00000 | 2.35000 | -1.89750 |
| 1159 | 15.0000 | 2.35000 | -1.49500 |
| 1160 | 15.0000 | 2.35000 | -1.29750 |
| 1161 | 15.0000 | 2.35000 | -2.30000 |
| 1162 | 15.0000 | 2.35000 | -1.89750 |
| 1163 | 23.0000 | 2.35000 | -1.49500 |
| 1164 | 23.0000 | 2.35000 | -1.29750 |
| 1165 | 23.0000 | 2.35000 | -2.30000 |
| 1166 | 23.0000 | 2.35000 | -1.89750 |
| 1167 | 31.0000 | 2.35000 | -1.49500 |
| 1168 | 31.0000 | 2.35000 | -1.29750 |
| 1169 | 31.0000 | 2.35000 | -2.30000 |
| 1170 | 31.0000 | 2.35000 | -1.89750 |
| 1171 | 39.0000 | 2.35000 | -1.75000 |
| 1172 | 39.0000 | 2.35000 | -1.42500 |
| 1173 | 39.0000 | 2.35000 | -2.30000 |
| 1174 | 39.0000 | 2.35000 | -2.02500 |
| 1175 | 47.0000 | 2.35000 | -1.49500 |
| 1176 | 47.0000 | 2.35000 | -1.29750 |
| 1177 | 47.0000 | 2.35000 | -2.30000 |
| 1178 | 47.0000 | 2.35000 | -1.89750 |
| 1179 | 55.5000 | 2.35000 | -1.49500 |
| 1180 | 55.5000 | 2.35000 | -1.29750 |
| 1181 | 55.5000 | 2.35000 | -2.30000 |
| 1182 | 55.5000 | 2.35000 | -1.89750 |
| 1183 | 64.0000 | 2.35000 | -1.49500 |
| 1184 | 64.0000 | 2.35000 | -1.29750 |
| 1185 | 64.0000 | 2.35000 | -2.30000 |
| 1186 | 64.0000 | 2.35000 | -1.89750 |
| 1187 | 72.0000 | 2.35000 | -1.49500 |
| 1188 | 72.0000 | 2.35000 | -1.29750 |
| 1189 | 72.0000 | 2.35000 | -2.30000 |
| 1190 | 72.0000 | 2.35000 | -1.89750 |
| 1191 | 80.0000 | 2.35000 | -1.75000 |
| 1192 | 80.0000 | 2.35000 | -1.42500 |
| 1193 | 80.0000 | 2.35000 | -2.30000 |
| 1194 | 80.0000 | 2.35000 | -2.02500 |
| 1195 | 1.00000 | 8.90000 | -0.450000 |
| 1196 | 1.00000 | 8.90000 | -0.225000 |
| 1197 | 1.00000 | 8.90000 | -1.10000 |
| 1198 | 1.00000 | 8.90000 | -0.775000 |
| 1199 | 9.00000 | 8.90000 | -0.705000 |
| 1200 | 9.00000 | 8.90000 | -0.352500 |
| 1201 | 9.00000 | 8.90000 | -1.10000 |
| 1202 | 9.00000 | 8.90000 | -0.902500 |
| 1203 | 17.0000 | 8.90000 | -0.705000 |
| 1204 | 17.0000 | 8.90000 | -0.352500 |
| 1205 | 17.0000 | 8.90000 | -1.10000 |
| 1206 | 17.0000 | 8.90000 | -0.902500 |
| 1207 | 25.0000 | 8.90000 | -0.705000 |
| 1208 | 25.0000 | 8.90000 | -0.352500 |

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|---|---|---|---|
| 1209 | 25.0000 | 8.90000 | -1.10000 |
| 1210 | 25.0000 | 8.90000 | -0.902500 |
| 1211 | 33.0000 | 8.90000 | -0.705000 |
| 1212 | 33.0000 | 8.90000 | -0.352500 |
| 1213 | 33.0000 | 8.90000 | -1.10000 |
| 1214 | 33.0000 | 8.90000 | -0.902500 |
| 1215 | 41.0000 | 8.90000 | -0.450000 |
| 1216 | 41.0000 | 8.90000 | -0.225000 |
| 1217 | 41.0000 | 8.90000 | -1.10000 |
| 1218 | 41.0000 | 8.90000 | -0.775000 |
| 1219 | 49.0000 | 8.90000 | -0.705000 |
| 1220 | 49.0000 | 8.90000 | -0.352500 |
| 1221 | 49.0000 | 8.90000 | -1.10000 |
| 1222 | 49.0000 | 8.90000 | -0.902500 |
| 1223 | 57.5000 | 8.90000 | -0.705000 |
| 1224 | 57.5000 | 8.90000 | -0.352500 |
| 1225 | 57.5000 | 8.90000 | -1.10000 |
| 1226 | 57.5000 | 8.90000 | -0.902500 |
| 1227 | 66.0000 | 8.90000 | -0.705000 |
| 1228 | 66.0000 | 8.90000 | -0.352500 |
| 1229 | 66.0000 | 8.90000 | -1.10000 |
| 1230 | 66.0000 | 8.90000 | -0.902500 |
| 1231 | 74.0000 | 8.90000 | -0.705000 |
| 1232 | 74.0000 | 8.90000 | -0.352500 |
| 1233 | 74.0000 | 8.90000 | -1.10000 |
| 1234 | 74.0000 | 8.90000 | -0.902500 |
| 1235 | 82.0000 | 8.90000 | -0.450000 |
| 1236 | 82.0000 | 8.90000 | -0.225000 |
| 1237 | 82.0000 | 8.90000 | -1.10000 |
| 1238 | 82.0000 | 8.90000 | -0.775000 |
| 1239 | -1.00000 | 2.35000 | -0.450000 |
| 1240 | -1.00000 | 2.35000 | -0.225000 |
| 1241 | -1.00000 | 2.35000 | -1.10000 |
| 1242 | -1.00000 | 2.35000 | -0.775000 |
| 1243 | 7.00000 | 2.35000 | -0.705000 |
| 1244 | 7.00000 | 2.35000 | -0.352500 |
| 1245 | 7.00000 | 2.35000 | -1.10000 |
| 1246 | 7.00000 | 2.35000 | -0.902500 |
| 1247 | 15.0000 | 2.35000 | -0.705000 |
| 1248 | 15.0000 | 2.35000 | -0.352500 |
| 1249 | 15.0000 | 2.35000 | -1.10000 |
| 1250 | 15.0000 | 2.35000 | -0.902500 |
| 1251 | 23.0000 | 2.35000 | -0.705000 |
| 1252 | 23.0000 | 2.35000 | -0.352500 |
| 1253 | 23.0000 | 2.35000 | -1.10000 |
| 1254 | 23.0000 | 2.35000 | -0.902500 |
| 1255 | 31.0000 | 2.35000 | -0.705000 |
| 1256 | 31.0000 | 2.35000 | -0.352500 |
| 1257 | 31.0000 | 2.35000 | -1.10000 |
| 1258 | 31.0000 | 2.35000 | -0.902500 |
| 1259 | 39.0000 | 2.35000 | -0.450000 |
| 1260 | 39.0000 | 2.35000 | -0.225000 |
| 1261 | 39.0000 | 2.35000 | -1.10000 |
| 1262 | 39.0000 | 2.35000 | -0.775000 |
| 1263 | 47.0000 | 2.35000 | -0.705000 |
| 1264 | 47.0000 | 2.35000 | -0.352500 |
| 1265 | 47.0000 | 2.35000 | -1.10000 |
| 1266 | 47.0000 | 2.35000 | -0.902500 |
| 1267 | 55.5000 | 2.35000 | -0.705000 |
| 1268 | 55.5000 | 2.35000 | -0.352500 |
| 1269 | 55.5000 | 2.35000 | -1.10000 |
| 1270 | 55.5000 | 2.35000 | -0.902500 |
| 1271 | 64.0000 | 2.35000 | -0.705000 |
| 1272 | 64.0000 | 2.35000 | -0.352500 |
| 1273 | 64.0000 | 2.35000 | -1.10000 |
| 1274 | 64.0000 | 2.35000 | -0.902500 |
| 1275 | 72.0000 | 2.35000 | -0.705000 |
| 1276 | 72.0000 | 2.35000 | -0.352500 |
| 1277 | 72.0000 | 2.35000 | -1.10000 |
| 1278 | 72.0000 | 2.35000 | -0.902500 |
| 1279 | 80.0000 | 2.35000 | -0.450000 |
| 1280 | 80.0000 | 2.35000 | -0.225000 |
| 1281 | 80.0000 | 2.35000 | -1.10000 |

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|---|---|---|---|
| 1282 | 80.0000 | 2.35000 | -0.775000 |
| 1283 | 3.00000 | 2.35000 | -1.10000 |
| 1284 | 3.00000 | 3.98750 | -1.10000 |
| 1285 | 3.00000 | 5.62500 | -1.10000 |
| 1286 | 3.00000 | 7.26250 | -1.10000 |
| 1287 | 5.00000 | 8.90000 | -1.49500 |
| 1288 | 5.00000 | 8.90000 | -1.29750 |
| 1289 | 5.00000 | 8.90000 | -2.30000 |
| 1290 | 5.00000 | 8.90000 | -1.89750 |
| 1291 | 3.00000 | 2.35000 | -1.49500 |
| 1292 | 3.00000 | 2.35000 | -1.29750 |
| 1293 | 3.00000 | 2.35000 | -2.30000 |
| 1294 | 3.00000 | 2.35000 | -1.89750 |
| 1295 | 5.00000 | 8.90000 | -0.705000 |
| 1296 | 5.00000 | 8.90000 | -0.352500 |
| 1297 | 5.00000 | 8.90000 | -1.10000 |
| 1298 | 5.00000 | 8.90000 | -0.902500 |
| 1299 | 3.00000 | 2.35000 | -0.705000 |
| 1300 | 3.00000 | 2.35000 | -0.352500 |
| 1301 | 3.00000 | 2.35000 | -1.10000 |
| 1302 | 3.00000 | 2.35000 | -0.902500 |
| 1303 | 11.0000 | 2.35000 | -1.10000 |
| 1304 | 11.0000 | 3.98750 | -1.10000 |
| 1305 | 11.0000 | 5.62500 | -1.10000 |
| 1306 | 11.0000 | 7.26250 | -1.10000 |
| 1307 | 13.0000 | 8.90000 | -1.49500 |
| 1308 | 13.0000 | 8.90000 | -1.29750 |
| 1309 | 13.0000 | 8.90000 | -2.30000 |
| 1310 | 13.0000 | 8.90000 | -1.89750 |
| 1311 | 11.0000 | 2.35000 | -1.49500 |
| 1312 | 11.0000 | 2.35000 | -1.29750 |
| 1313 | 11.0000 | 2.35000 | -2.30000 |
| 1314 | 11.0000 | 2.35000 | -1.89750 |
| 1315 | 13.0000 | 8.90000 | -0.705000 |
| 1316 | 13.0000 | 8.90000 | -0.352500 |
| 1317 | 13.0000 | 8.90000 | -1.10000 |
| 1318 | 13.0000 | 8.90000 | -0.902500 |
| 1319 | 11.0000 | 2.35000 | -0.705000 |
| 1320 | 11.0000 | 2.35000 | -0.352500 |
| 1321 | 11.0000 | 2.35000 | -1.10000 |
| 1322 | 11.0000 | 2.35000 | -0.902500 |
| 1323 | 19.0000 | 2.35000 | -1.10000 |
| 1324 | 19.0000 | 3.98750 | -1.10000 |
| 1325 | 19.0000 | 5.62500 | -1.10000 |
| 1326 | 19.0000 | 7.26250 | -1.10000 |
| 1327 | 21.0000 | 8.90000 | -1.49500 |
| 1328 | 21.0000 | 8.90000 | -1.29750 |
| 1329 | 21.0000 | 8.90000 | -2.30000 |
| 1330 | 21.0000 | 8.90000 | -1.89750 |
| 1331 | 19.0000 | 2.35000 | -1.49500 |
| 1332 | 19.0000 | 2.35000 | -1.29750 |
| 1333 | 19.0000 | 2.35000 | -2.30000 |
| 1334 | 19.0000 | 2.35000 | -1.89750 |
| 1335 | 21.0000 | 8.90000 | -0.705000 |
| 1336 | 21.0000 | 8.90000 | -0.352500 |
| 1337 | 21.0000 | 8.90000 | -1.10000 |
| 1338 | 21.0000 | 8.90000 | -0.902500 |
| 1339 | 19.0000 | 2.35000 | -0.705000 |
| 1340 | 19.0000 | 2.35000 | -0.352500 |
| 1341 | 19.0000 | 2.35000 | -1.10000 |
| 1342 | 19.0000 | 2.35000 | -0.902500 |
| 1343 | 27.0000 | 2.35000 | -1.10000 |
| 1344 | 27.0000 | 3.98750 | -1.10000 |
| 1345 | 27.0000 | 5.62500 | -1.10000 |
| 1346 | 27.0000 | 7.26250 | -1.10000 |
| 1347 | 29.0000 | 8.90000 | -1.49500 |
| 1348 | 29.0000 | 8.90000 | -1.29750 |
| 1349 | 29.0000 | 8.90000 | -2.30000 |
| 1350 | 29.0000 | 8.90000 | -1.89750 |
| 1351 | 27.0000 | 2.35000 | -1.49500 |
| 1352 | 27.0000 | 2.35000 | -1.29750 |
| 1353 | 27.0000 | 2.35000 | -2.30000 |
| 1354 | 27.0000 | 2.35000 | -1.89750 |

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|---|---|---|---|
| 1355 | 29.0000 | 8.90000 | -0.705000 |
| 1356 | 29.0000 | 8.90000 | -0.352500 |
| 1357 | 29.0000 | 8.90000 | -1.10000 |
| 1358 | 29.0000 | 8.90000 | -0.902500 |
| 1359 | 27.0000 | 2.35000 | -0.705000 |
| 1360 | 27.0000 | 2.35000 | -0.352500 |
| 1361 | 27.0000 | 2.35000 | -1.10000 |
| 1362 | 27.0000 | 2.35000 | -0.902500 |
| 1363 | 35.0000 | 2.35000 | -1.10000 |
| 1364 | 35.0000 | 3.98750 | -1.10000 |
| 1365 | 35.0000 | 5.62500 | -1.10000 |
| 1366 | 35.0000 | 7.26250 | -1.10000 |
| 1367 | 37.0000 | 8.90000 | -1.49500 |
| 1368 | 37.0000 | 8.90000 | -1.29750 |
| 1369 | 37.0000 | 8.90000 | -2.30000 |
| 1370 | 37.0000 | 8.90000 | -1.89750 |
| 1371 | 35.0000 | 2.35000 | -1.49500 |
| 1372 | 35.0000 | 2.35000 | -1.29750 |
| 1373 | 35.0000 | 2.35000 | -2.30000 |
| 1374 | 35.0000 | 2.35000 | -1.89750 |
| 1375 | 37.0000 | 8.90000 | -0.705000 |
| 1376 | 37.0000 | 8.90000 | -0.352500 |
| 1377 | 37.0000 | 8.90000 | -1.10000 |
| 1378 | 37.0000 | 8.90000 | -0.902500 |
| 1379 | 35.0000 | 2.35000 | -0.705000 |
| 1380 | 35.0000 | 2.35000 | -0.352500 |
| 1381 | 35.0000 | 2.35000 | -1.10000 |
| 1382 | 35.0000 | 2.35000 | -0.902500 |
| 1383 | 43.0000 | 2.35000 | -1.10000 |
| 1384 | 43.0000 | 3.98750 | -1.10000 |
| 1385 | 43.0000 | 5.62500 | -1.10000 |
| 1386 | 43.0000 | 7.26250 | -1.10000 |
| 1387 | 45.0000 | 8.90000 | -1.49500 |
| 1388 | 45.0000 | 8.90000 | -1.29750 |
| 1389 | 45.0000 | 8.90000 | -2.30000 |
| 1390 | 45.0000 | 8.90000 | -1.89750 |
| 1391 | 43.0000 | 2.35000 | -1.49500 |
| 1392 | 43.0000 | 2.35000 | -1.29750 |
| 1393 | 43.0000 | 2.35000 | -2.30000 |
| 1394 | 43.0000 | 2.35000 | -1.89750 |
| 1395 | 45.0000 | 8.90000 | -0.705000 |
| 1396 | 45.0000 | 8.90000 | -0.352500 |
| 1397 | 45.0000 | 8.90000 | -1.10000 |
| 1398 | 45.0000 | 8.90000 | -0.902500 |
| 1399 | 43.0000 | 2.35000 | -0.705000 |
| 1400 | 43.0000 | 2.35000 | -0.352500 |
| 1401 | 43.0000 | 2.35000 | -1.10000 |
| 1402 | 43.0000 | 2.35000 | -0.902500 |
| 1403 | 51.2500 | 2.35000 | -1.10000 |
| 1404 | 51.2500 | 3.98750 | -1.10000 |
| 1405 | 51.2500 | 5.62500 | -1.10000 |
| 1406 | 51.2500 | 7.26250 | -1.10000 |
| 1407 | 53.2500 | 8.90000 | -1.49500 |
| 1408 | 53.2500 | 8.90000 | -1.29750 |
| 1409 | 53.2500 | 8.90000 | -2.30000 |
| 1410 | 53.2500 | 8.90000 | -1.89750 |
| 1411 | 51.2500 | 2.35000 | -1.49500 |
| 1412 | 51.2500 | 2.35000 | -1.29750 |
| 1413 | 51.2500 | 2.35000 | -2.30000 |
| 1414 | 51.2500 | 2.35000 | -1.89750 |
| 1415 | 53.2500 | 8.90000 | -0.705000 |
| 1416 | 53.2500 | 8.90000 | -0.352500 |
| 1417 | 53.2500 | 8.90000 | -1.10000 |
| 1418 | 53.2500 | 8.90000 | -0.902500 |
| 1419 | 51.2500 | 2.35000 | -0.705000 |
| 1420 | 51.2500 | 2.35000 | -0.352500 |
| 1421 | 51.2500 | 2.35000 | -1.10000 |
| 1422 | 51.2500 | 2.35000 | -0.902500 |
| 1423 | 59.7500 | 2.35000 | -1.10000 |
| 1424 | 59.7500 | 3.98750 | -1.10000 |
| 1425 | 59.7500 | 5.62500 | -1.10000 |
| 1426 | 59.7500 | 7.26250 | -1.10000 |
| 1427 | 61.7500 | 8.90000 | -1.49500 |

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| 1428 | 61.7500 | 8.90000 | -1.29750 |
| 1429 | 61.7500 | 8.90000 | -2.30000 |
| 1430 | 61.7500 | 8.90000 | -1.89750 |
| 1431 | 59.7500 | 2.35000 | -1.49500 |
| 1432 | 59.7500 | 2.35000 | -1.29750 |
| 1433 | 59.7500 | 2.35000 | -2.30000 |
| 1434 | 59.7500 | 2.35000 | -1.89750 |
| 1435 | 61.7500 | 8.90000 | -0.705000 |
| 1436 | 61.7500 | 8.90000 | -0.352500 |
| 1437 | 61.7500 | 8.90000 | -1.10000 |
| 1438 | 61.7500 | 8.90000 | -0.902500 |
| 1439 | 59.7500 | 2.35000 | -0.705000 |
| 1440 | 59.7500 | 2.35000 | -0.352500 |
| 1441 | 59.7500 | 2.35000 | -1.10000 |
| 1442 | 59.7500 | 2.35000 | -0.902500 |
| 1443 | 68.0000 | 2.35000 | -1.10000 |
| 1444 | 68.0000 | 3.98750 | -1.10000 |
| 1445 | 68.0000 | 5.62500 | -1.10000 |
| 1446 | 68.0000 | 7.26250 | -1.10000 |
| 1447 | 70.0000 | 8.90000 | -1.49500 |
| 1448 | 70.0000 | 8.90000 | -1.29750 |
| 1449 | 70.0000 | 8.90000 | -2.30000 |
| 1450 | 70.0000 | 8.90000 | -1.89750 |
| 1451 | 68.0000 | 2.35000 | -1.49500 |
| 1452 | 68.0000 | 2.35000 | -1.29750 |
| 1453 | 68.0000 | 2.35000 | -2.30000 |
| 1454 | 68.0000 | 2.35000 | -1.89750 |
| 1455 | 70.0000 | 8.90000 | -0.705000 |
| 1456 | 70.0000 | 8.90000 | -0.352500 |
| 1457 | 70.0000 | 8.90000 | -1.10000 |
| 1458 | 70.0000 | 8.90000 | -0.902500 |
| 1459 | 68.0000 | 2.35000 | -0.705000 |
| 1460 | 68.0000 | 2.35000 | -0.352500 |
| 1461 | 68.0000 | 2.35000 | -1.10000 |
| 1462 | 68.0000 | 2.35000 | -0.902500 |
| 1463 | 76.0000 | 2.35000 | -1.10000 |
| 1464 | 76.0000 | 3.98750 | -1.10000 |
| 1465 | 76.0000 | 5.62500 | -1.10000 |
| 1466 | 76.0000 | 7.26250 | -1.10000 |
| 1467 | 78.0000 | 8.90000 | -1.49500 |
| 1468 | 78.0000 | 8.90000 | -1.29750 |
| 1469 | 78.0000 | 8.90000 | -2.30000 |
| 1470 | 78.0000 | 8.90000 | -1.89750 |
| 1471 | 76.0000 | 2.35000 | -1.49500 |
| 1472 | 76.0000 | 2.35000 | -1.29750 |
| 1473 | 76.0000 | 2.35000 | -2.30000 |
| 1474 | 76.0000 | 2.35000 | -1.89750 |
| 1475 | 78.0000 | 8.90000 | -0.705000 |
| 1476 | 78.0000 | 8.90000 | -0.352500 |
| 1477 | 78.0000 | 8.90000 | -1.10000 |
| 1478 | 78.0000 | 8.90000 | -0.902500 |
| 1479 | 76.0000 | 2.35000 | -0.705000 |
| 1480 | 76.0000 | 2.35000 | -0.352500 |
| 1481 | 76.0000 | 2.35000 | -1.10000 |
| 1482 | 76.0000 | 2.35000 | -0.902500 |
| 1483 | 41.0000 | 8.90000 | -2.30000 |
| 1484 | 40.0000 | 9.90000 | -2.30000 |
| 1485 | 41.0000 | 2.35000 | -2.30000 |
| 1486 | 40.0000 | 3.35000 | -2.30000 |
| 1487 | 1.00000 | 2.35000 | -2.30000 |
| 1488 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1489 | 1.00000 | 8.90000 | -2.30000 |
| 1490 | 0.000000E+00 | 9.90000 | -2.30000 |
| 1491 | 82.0000 | 2.35000 | -2.30000 |
| 1492 | 81.0000 | 3.35000 | -2.30000 |
| 1493 | 82.0000 | 8.90000 | -2.30000 |
| 1494 | 81.0000 | 9.90000 | -2.30000 |
| 1495 | 41.0000 | 5.62500 | -8.60000 |
| 1496 | 40.0000 | 6.62500 | -8.60000 |
| 1497 | 1.00000 | 5.62500 | -2.80000 |
| 1498 | 0.000000E+00 | 6.62500 | -2.80000 |
| 1499 | 82.0000 | 5.62500 | -2.80000 |
| 1500 | 81.0000 | 6.62500 | -2.80000 |

TOTAL NUMBER OF NODES = 1500
LARGEST NODE NUMBER = 1500

DATA STORAGE LOCATIONS USED = 10500

G E O M E T R I C P R O P E R T I E S

C1__F1
PROPERTY

BMI21 ELEMENTS
1 1ST NODE AREA =0.1076 IYY =0.9835E-01 IZZ = 0.4254E-02 KT =0.3325E-04 ASZ =0.4460E-01
ASY =0.6300E-01 EZ =1.241 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1076 IYY =0.9835E-01 IZZ = 0.4254E-02 KT =0.3325E-04 ASZ =0.4460E-01
ASY =0.6300E-01 EZ =1.241 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C2__F1
PROPERTY

BMI21 ELEMENTS
2 1ST NODE AREA =0.1120 IYY =0.1047 IZZ = 0.4861E-02 KT =0.4992E-04 ASZ =0.3996E-01
ASY =0.7200E-01 EZ =1.325 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1120 IYY =0.1047 IZZ = 0.4861E-02 KT =0.4992E-04 ASZ =0.3996E-01
ASY =0.7200E-01 EZ =1.325 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C3__F1
PROPERTY

BMI21 ELEMENTS
3 1ST NODE AREA =0.1296 IYY =0.1268 IZZ = 0.6076E-02 KT =0.8828E-04 ASZ =0.3960E-01
ASY =0.9000E-01 EZ =1.300 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1296 IYY =0.1268 IZZ = 0.6076E-02 KT =0.8828E-04 ASZ =0.3960E-01
ASY =0.9000E-01 EZ =1.300 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C4__F1
PROPERTY

BMI21 ELEMENTS
4 1ST NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS
5 1ST NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS
6 1ST NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19
2ND NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS
7 1ST NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS
8 1ST NODE AREA =10.75 IYY =1.579 IZZ =
67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =-0.2305E-11
2ND NODE AREA =10.75 IYY =1.579 IZZ =
67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =-0.2305E-11

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS
9 1ST NODE AREA =78.66 IYY =312.1 IZZ =
851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =78.66 IYY =312.1 IZZ =
851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)
PROPERTY

BMI21 ELEMENTS
10 1ST NODE AREA =1.595 IYY =0.1608 IZZ =
0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.595 IYY =0.1608 IZZ =
0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Offset
PROPERTY

BMI21 ELEMENTS
11 1ST NODE AREA =1.000 IYY =1.000 IZZ =
1.000 KT =1.000 ASZ =1.000

ASY =1.000 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.000 IYY =1.000 IZZ =
1.000 KT =1.000 ASZ =1.000
ASY =1.000 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)
PROPERTY

BMI21 ELEMENTS
12 1ST NODE AREA =0.1628E-01 IYY =0.1869E-03 IZZ =
0.1568E-03 KT =0.1843E-05 ASZ =0.4391E-02
ASY =0.7966E-02 EZ =0.8800E-01 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1628E-01 IYY =0.1869E-03 IZZ =
0.1568E-03 KT =0.1843E-05 ASZ =0.4391E-02
ASY =0.7966E-02 EZ =0.8800E-01 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

S=0.3m
PROPERTY

QTS4 ELEMENTS
14 EZ = -0.1500 T1 = 0.3000 T2 = 0.3000 T3
= 0.3000 T4 = 0.3000

G E O M E T R I C P R O P E R T I E S

Ecc0
PROPERTY

JSH4 ELEMENTS
13 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 678

G E O M E T R I C A S S I G N M E N T S

| FIRST ELEMENT | LAST ELEMENT | DIFF-ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|---|---|---|---|---|
| 1 | 0 | 0 | 13 | 21 |
| 2 | 0 | 0 | 9 | 18 |
| 3 | 5 | 1 | 8 | 17 |
| 6 | 8 | 1 | 11 | 20 |
| 9 | 10 | 1 | 13 | 21 |
| 11 | 13 | 1 | 11 | 20 |

| | | | | |
|---|---|---|---|---|
| 14 | 19 | 1 | 10 | 19 |
| 20 | 25 | 1 | 13 | 21 |
| 26 | 31 | 1 | 6 | 15 |
| 32 | 67 | 1 | 12 | 22 |
| 68 | 73 | 1 | 6 | 15 |
| 74 | 109 | 1 | 12 | 22 |
| 110 | 115 | 1 | 6 | 15 |
| 116 | 151 | 1 | 12 | 22 |
| 152 | 157 | 1 | 6 | 15 |
| 158 | 193 | 1 | 12 | 22 |
| 194 | 0 | 0 | 7 | 16 |
| 195 | 203 | 1 | 5 | 14 |
| 204 | 0 | 0 | 7 | 16 |
| 205 | 213 | 1 | 5 | 14 |
| 214 | 215 | 1 | 7 | 16 |
| 216 | 224 | 1 | 5 | 14 |
| 225 | 0 | 0 | 7 | 16 |
| 226 | 234 | 1 | 5 | 14 |
| 235 | 236 | 1 | 7 | 16 |
| 237 | 245 | 1 | 5 | 14 |
| 246 | 0 | 0 | 7 | 16 |
| 247 | 255 | 1 | 5 | 14 |
| 256 | 257 | 1 | 7 | 16 |
| 258 | 266 | 1 | 5 | 14 |
| 267 | 0 | 0 | 7 | 16 |
| 268 | 276 | 1 | 5 | 14 |
| 277 | 0 | 0 | 7 | 16 |
| 278 | 313 | 1 | 12 | 22 |
| 314 | 319 | 1 | 6 | 15 |
| 320 | 355 | 1 | 12 | 22 |
| 356 | 361 | 1 | 6 | 15 |
| 362 | 397 | 1 | 12 | 22 |
| 398 | 403 | 1 | 6 | 15 |
| 404 | 439 | 1 | 12 | 22 |
| 440 | 445 | 1 | 6 | 15 |
| 446 | 557 | 1 | 14 | 13 |
| 558 | 564 | 1 | 1 | 9 |
| 565 | 572 | 1 | 2 | 10 |
| 573 | 580 | 1 | 3 | 11 |
| 581 | 588 | 1 | 4 | 12 |
| 589 | 596 | 1 | 3 | 11 |
| 597 | 605 | 1 | 2 | 10 |
| 606 | 613 | 1 | 1 | 9 |
| 614 | 837 | 1 | 14 | 13 |
| 838 | 844 | 1 | 1 | 9 |
| 845 | 852 | 1 | 2 | 10 |
| 853 | 860 | 1 | 3 | 11 |
| 861 | 868 | 1 | 4 | 12 |
| 869 | 876 | 1 | 3 | 11 |
| 877 | 885 | 1 | 2 | 10 |
| 886 | 893 | 1 | 1 | 9 |
| 894 | 1005 | 1 | 14 | 13 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 58
TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 14

DATA STORAGE LOCATIONS USED = 3015

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_spalle
8 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1260E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

Incastro
9 KX = 0.3000E+10 KY = 0.3000E+10 KZ = 0.3000E+10 KTX
= 0.3000E+10 KTY = 0.3000E+10 KTZ = 0.3000E+10

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_pila
10 KX = 0.2990E+07 KY = 0.2990E+07 KZ = 0.1871E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel (elastic)
1 E = 0.2100E+12 NU = 0.3000 RHO = 7850. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)
2 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
3 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
4 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
5 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
7 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 468

M A T E R I A L A S S I G N M E N T S

| FIRST ELEMENT SET | LAST ELEMENT SET | DIFF-ERENCE ID NO. | MATERIAL SET | NSET STRESS POTENTIAL/ CREEP SET | DAMAGE SET | LusasM MATERIAL SET | VISCOELASTIC TWO PHASE SET | SHRINKAGE SET | KO SMEARED_REINFORCEMENT SET |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 5 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |

```
  6          8          1          4          0          0
  0          0         15          0          0          0
  0             0
  9         10          1          9          0          0
  0          0         17          0          0          0
  0             0
 11         13          1          4          0          0
  0          0         15          0          0          0          0
  0
 14         19          1          2          0          0
  0          0          5          0          0          0          0
  0
 20          0          0          8          0          0
  0          0         16          0          0          0          0
  0
 21          0          0         10          0          0
  0          0         23          0          0          0          0
  0
 22         23          1          8          0          0
  0          0         16          0          0          0          0
  0
 24          0          0         10          0          0
  0          0         23          0          0          0          0
  0
 25          0          0          8          0          0
  0          0         16          0          0          0          0
  0
 26        109          1          3          0          0
  0          0         14          0          0          0          0
  0
110        193          1          4          0          0
  0          0         15          0          0          0          0
  0
194        277          1          1          0          0
  0          0          1          0          0          0          0
  0
278        361          1          4          0          0
  0          0         15          0          0          0          0
  0
362        445          1          3          0          0
  0          0         14          0          0          0          0
  0
446        467          1          2          0          0
  0          0          5          0          0          0          0
  0
468          0          0          5          0          0
  0          0         20          0          0          0          0
  0
469        476          1          7          0          0
  0          0         22          0          0          0          0
  0
477          0          0          6          0          0
  0          0         21          0          0          0          0
  0
478        523          1          2          0          0
  0          0          5          0          0          0          0
  0
524          0          0          5          0          0
  0          0         20          0          0          0          0
  0
525        532          1          7          0          0
  0          0         22          0          0          0          0
  0
533          0          0          6          0          0
  0          0         21          0          0          0          0
  0
534        557          1          2          0          0
  0          0          5          0          0          0          0
  0
558        613          1          1          0          0
  0          0          1          0          0          0          0
  0
614        635          1          2          0          0
```

```
0       0       5       0       0       0       0
0
636     0       0       5       0       0
0       0      20       0       0       0       0
0
637     644     1       7       0       0
0       0      22       0       0       0       0
0
645     0       0       6       0       0
0       0      21       0       0       0       0
0
646     691     1       2       0       0
0       0       5       0       0       0       0
0
692     0       0       5       0       0
0       0      20       0       0       0       0
0
693     700     1       7       0       0
0       0      22       0       0       0       0
0
701     0       0       6       0       0
0       0      21       0       0       0       0
0
702     747     1       2       0       0
0       0       5       0       0       0       0
0
748     0       0       5       0       0
0       0      20       0       0       0       0
0
749     756     1       7       0       0
0       0      22       0       0       0       0
0
757     0       0       6       0       0
0       0      21       0       0       0       0
0
758     803     1       2       0       0
0       0       5       0       0       0       0
0
804     0       0       5       0       0
0       0      20       0       0       0       0
0
805     812     1       7       0       0
0       0      22       0       0       0       0
0
813     0       0       6       0       0
0       0      21       0       0       0       0
0
814     837     1       2       0       0
0       0       5       0       0       0       0
0
838     893     1       1       0       0
0       0       1       0       0       0       0
0
894     915     1       2       0       0
0       0       5       0       0       0       0
0
916     0       0       5       0       0
0       0      20       0       0       0       0
0
917     924     1       7       0       0
0       0      22       0       0       0       0
0
925     0       0       6       0       0
0       0      21       0       0       0       0
0
926     971     1       2       0       0
0       0       5       0       0       0       0
0
972     0       0       5       0       0
0       0      20       0       0       0       0
0
973     980     1       7       0       0
0       0      22       0       0       0       0
```

```
            0
            981         0         0        6        0            0
            0       0      21         0         0              0       0
            0
            982      1005         1        2        0            0
            0       0       5         0         0              0       0
            0

        TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS =        53
```

D E A C T I V A T E  E L E M E N T S

| FIRST ELEMENT IN SERIES | LAST ELEMENT IN SERIES | INCRE-MENT BETWEEN ELEMNTS | NUMBER OF INCREMENTS FOR REDISTRIBUTION | REDISTRIBUTION FACTOR | STIFFNESS REDUCTION FACTOR |
|---|---|---|---|---|---|
| 446 | 557 | 1 | 1 | 1.000 | 0.1000E-05 |
| 614 | 837 | 1 | 1 | 1.000 | 0.1000E-05 |
| 894 | 1005 | 1 | 1 | 1.000 | 0.1000E-05 |

F R E E D O M  T E M P L A T E

```
    COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM.
    COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM.
        1     2     3     4     5     6     7     8     9    10    11
        12    13    14    15    16    17    18    19    20    21
     U     V     W     THX   THY   THZ
```

S U P P O R T  N O D E S

F = FREE
R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
S = SPRING

| FIRST NODE | LAST NODE | DIFF RNCE | SUPPORT CONDITION | SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE FREEDOM U | SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE FREEDOM V | SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE FREEDOM W | SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE FREEDOM THX | SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE FREEDOM THY | SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE FREEDOM THZ |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 9 | 8 | R R R R R R | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 13 | 0 | 0 | R R R R R R | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

```
        TOTAL NUMBER OF SUPPORT NODES                =             3
        LARGEST NODE NUMBER                          =            13

        DATA STORAGE LOCATIONS USED                  =           162
```

L O A D  C A S E  6

PPacc

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 536 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -732.00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 537 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1464.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 538 | 539 | 1 | 0.00000E+00 | 0.00000E+00 | -1464.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 540 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1464.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 541 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1464.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 542 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1830.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 543 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2196.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 544 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1830.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 545 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1464.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 546 | 547 | 1 | 0.00000E+00 | 0.00000E+00 | -1464.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 548 | 549 | 1 | 0.00000E+00 | 0.00000E+00 | -1464.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 550 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1830.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 551 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2196.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 552 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1830.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 553 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1464.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 554 | 556 | 1 | 0.00000E+00 | 0.00000E+00 | -1464.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 557 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1464.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 558 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1830.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 559 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2196.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 560 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1830.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 561 | 562 | 1 | 0.00000E+00 | 0.00000E+00 | -1464.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 563 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1464.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 564 | 565 | 1 | 0.00000E+00 | 0.00000E+00 | -1464.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 566 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1830.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 567 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2196.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 568 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1875.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 569 | 570 | 1 | 0.00000E+00 | 0.00000E+00 | -1555.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 571 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1555.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 572 | 573 | 1 | 0.00000E+00 | 0.00000E+00 | -1555.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 574 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1601.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 575 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1578.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 576 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1509.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 577 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1532.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
578        0        0   0.00000E+00   0.00000E+00   -1555.5
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1555.5
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1509.8
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1281.0
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1372.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1647.0
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -1555.5
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
588      591        1   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -732.00
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -732.00
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
766      767        1   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -1830.0
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -2196.0
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -1830.0
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
774      775        1   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
776      777        1   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -1830.0
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -2196.0
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -1830.0
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
782      784        1   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -1830.0
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -2196.0
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -1830.0
0.00000E+00   0.00000E+00   0.00000E+00
789      790        1   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
792      793        1   0.00000E+00   0.00000E+00   -1464.0
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -1830.0
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -2196.0
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
      796       0       0   0.00000E+00   0.00000E+00   -1875.8
      0.00000E+00   0.00000E+00   0.00000E+00
      797     798       1   0.00000E+00   0.00000E+00   -1555.5
      0.00000E+00   0.00000E+00   0.00000E+00
      799       0       0   0.00000E+00   0.00000E+00   -1555.5
      0.00000E+00   0.00000E+00   0.00000E+00
      800     801       1   0.00000E+00   0.00000E+00   -1555.5
      0.00000E+00   0.00000E+00   0.00000E+00
      802       0       0   0.00000E+00   0.00000E+00   -1601.2
      0.00000E+00   0.00000E+00   0.00000E+00
      803       0       0   0.00000E+00   0.00000E+00   -1578.4
      0.00000E+00   0.00000E+00   0.00000E+00
      804       0       0   0.00000E+00   0.00000E+00   -1509.8
      0.00000E+00   0.00000E+00   0.00000E+00
      805       0       0   0.00000E+00   0.00000E+00   -1532.6
      0.00000E+00   0.00000E+00   0.00000E+00
      806       0       0   0.00000E+00   0.00000E+00   -1555.5
      0.00000E+00   0.00000E+00   0.00000E+00
      807       0       0   0.00000E+00   0.00000E+00   -1555.5
      0.00000E+00   0.00000E+00   0.00000E+00
      808       0       0   0.00000E+00   0.00000E+00   -1509.8
      0.00000E+00   0.00000E+00   0.00000E+00
      809       0       0   0.00000E+00   0.00000E+00   -1464.0
      0.00000E+00   0.00000E+00   0.00000E+00
      810       0       0   0.00000E+00   0.00000E+00   -1464.0
      0.00000E+00   0.00000E+00   0.00000E+00
      811       0       0   0.00000E+00   0.00000E+00   -1281.0
      0.00000E+00   0.00000E+00   0.00000E+00
      812       0       0   0.00000E+00   0.00000E+00   -1372.5
      0.00000E+00   0.00000E+00   0.00000E+00
      813       0       0   0.00000E+00   0.00000E+00   -1647.0
      0.00000E+00   0.00000E+00   0.00000E+00
      814       0       0   0.00000E+00   0.00000E+00   -1555.5
      0.00000E+00   0.00000E+00   0.00000E+00
      815       0       0   0.00000E+00   0.00000E+00   -1464.0
      0.00000E+00   0.00000E+00   0.00000E+00
      816     819       1   0.00000E+00   0.00000E+00   -1464.0
      0.00000E+00   0.00000E+00   0.00000E+00
      820       0       0   0.00000E+00   0.00000E+00   -732.00
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =          114
          LARGEST NODE OR ELEMENT NUMBER              =          820



 CBF   LOAD INPUT


     NUMBER OF VALUES =  9     START LOCATION =  1


     FIRST      LAST      DIFF        VALUE 1        VALUE 2        VALUE 3
     VALUE 4        VALUE 5        VALUE 6
   ELEMENT   ELEMENT

       194       277         1   0.000000E+00   0.000000E+00   -9.81000
       0.000000E+00   0.000000E+00   0.000000E+00

0.000000E+00   0.000000E+00   0.000000E+00
       558       613         1   0.000000E+00   0.000000E+00   -9.81000
       0.000000E+00   0.000000E+00   0.000000E+00

0.000000E+00   0.000000E+00   0.000000E+00
       838       893         1   0.000000E+00   0.000000E+00   -9.81000
       0.000000E+00   0.000000E+00   0.000000E+00

0.000000E+00   0.000000E+00   0.000000E+00
```

NUMBER OF LOADED NODES OR ELEMENTS = 196
LARGEST NODE OR ELEMENT NUMBER = 893

L O A D C A S E 12

PPsoletta

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 536 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28125. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 537 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 538 | 539 | 1 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 540 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 541 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 542 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70313. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 543 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -84375. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 544 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70312. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 545 | 546 | 1 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 547 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 548 | 549 | 1 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 550 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70313. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 551 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -84375. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 552 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70312. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 553 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 554 | 556 | 1 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 557 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 558 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70313. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 559 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -84375. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 560 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70313. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 561 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 562 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 563 | 564 | 1 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 565 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56250. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 566 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70313. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 567 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -84375. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

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568       0       0   0.00000E+00   0.00000E+00   -72070.
0.00000E+00   0.00000E+00   0.00000E+00
569     570       1   0.00000E+00   0.00000E+00   -59766.
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -59766.
0.00000E+00   0.00000E+00   0.00000E+00
572     573       1   0.00000E+00   0.00000E+00   -59766.
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -61523.
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -60645.
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -58008.
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -58887.
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -59766.
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -59766.
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -58008.
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -49219.
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -52734.
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -63281.
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -59766.
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
588     590       1   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
592     764     172   0.00000E+00   0.00000E+00   -28125.
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
766     767       1   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -70313.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -84375.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -70312.
0.00000E+00   0.00000E+00   0.00000E+00
773     774       1   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
776     777       1   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -70313.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -84375.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -70312.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
782     784       1   0.00000E+00   0.00000E+00   -56250.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -56250.
```

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 0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -70313.
 0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -84375.
 0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -70313.
 0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -56250.
 0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -56250.
 0.00000E+00   0.00000E+00   0.00000E+00
791      792        1   0.00000E+00   0.00000E+00   -56250.
 0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -56250.
 0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -70313.
 0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -84375.
 0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -72070.
 0.00000E+00   0.00000E+00   0.00000E+00
797      798        1   0.00000E+00   0.00000E+00   -59766.
 0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -59766.
 0.00000E+00   0.00000E+00   0.00000E+00
800      801        1   0.00000E+00   0.00000E+00   -59766.
 0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -61523.
 0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -60645.
 0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -58008.
 0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -58887.
 0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -59766.
 0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -59766.
 0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -58008.
 0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -56250.
 0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -56250.
 0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -49219.
 0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -52734.
 0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -63281.
 0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -59766.
 0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -56250.
 0.00000E+00   0.00000E+00   0.00000E+00
816      818        1   0.00000E+00   0.00000E+00   -56250.
 0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -56250.
 0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -28125.
 0.00000E+00   0.00000E+00   0.00000E+00

     NUMBER OF LOADED NODES OR ELEMENTS          =          114
     LARGEST NODE OR ELEMENT NUMBER              =          820



     DATA STORAGE LOCATIONS USED                 =         1697
```

E L E M E N T O U T P U T

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

| FIRST ELT OUTPUT | LAST ELT GROUP | DIFF HISTORY RNCE CONTROL | OUTPUT PLOT FILE CONTROL | AVERAGED NODAL VALUES | NODAL FORCE GROUP |
|---|---|---|---|---|---|
| 1 | 1005 | 1 | 0 | 0 | |
| 0 | | 0 | 0 | | |

| | |
|---|---|
| TOTAL NUMBER OF ELEMENT OUTPUT SETS | = 1 |
| TOTAL NUMBER OF ELEMENTS OUTPUT | = 1005 |
| LARGEST ELEMENT NUMBER INPUT | = 1005 |
| LARGEST ELEMENT OUTPUT CONTROL NUMBER | = 0 |
| DATA STORAGE LOCATIONS USED | = 4 |

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFF RNCE | OUTPUT CONTROL | HISTORY CONTROL |
|---|---|---|---|---|
| 1 | 1500 | 1 | 0 | 0 |

| | |
|---|---|
| TOTAL NUMBER OF NODE OUTPUT SETS | = 1 |
| TOTAL NUMBER OF NODES OUTPUT | = 0 |
| LARGEST NODE NUMBER INPUT | = 1500 |
| LARGEST NODE OUTPUT CONTROL NUMBER | = 0 |
| LARGEST NODE HISTORY CONTROL NUMBER | = 0 |
| DATA STORAGE LOCATIONS USED | = 0 |

S U M M A R Y O F D A T A

| | |
|---|---|
| TOTAL NUMBER OF ELEMENTS | = 1005 |
| TOTAL NUMBER OF CONSTRAINTS | = 0 |
| TOTAL NUMBER OF NODES | = 1500 |
| TOTAL NUMBER OF SUPPORT NODES | = 3 |
| TOTAL NUMBER OF LOADING CASES | = 2 |

| | |
|---|---|
| LOCATIONS USED DURING DATA PROCESSING | = 78679634 |
| LOCATIONS AVAILABLE | = 98304000 |

TIME USED TO PROCESS INPUT DATA = 0.41500 SEC.

TIME AT CENTRAL PROCESSOR = 9:56:35 ON 16/04/21 (DAY/MTH/YR)

| | |
|---|---|
| INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE | = 1901 |
| INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE | = 448 |

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTYP PROCESSOR)

E S T I M A T E O F M O D E L G E O M E T R I C P R O P E R T I E S A N D L O A D I N G

MATERIAL ---------- GEOMETRIC SUMMARY ---------- ELEMENT
---------- CENTRE OF GRAVITY ----------

| SET | LENGTH | AREA | VOLUME | MASS |
|---|---|---|---|---|
| X-COORD | Y-COORD | Z-COORD | | |
| | M | sq M | cu M | KG |
| | M | M | M | |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 2 | 8.80000 | 731.250 | 408.733 | 0.102183E+07 |
| 40.3383 | 5.62500 | -3.20199 | | |
| 4 | 55.8900 | 0.000000E+00 | 20.7025 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 3 | 60.3600 | 0.000000E+00 | 1.33843 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 1 | 299.550 | 0.000000E+00 | 24.8142 | 194791. |
| 40.4098 | 5.62500 | -0.205657 | | |
| 5 | 0.000000E+00 | 22.5000 | 6.75000 | 16875.0 |
| 33.0000 | 5.62500 | 0.000000E+00 | | |
| 7 | 0.000000E+00 | 135.000 | 40.5000 | 101250. |
| 40.0000 | 5.62500 | 0.000000E+00 | | |
| 6 | 0.000000E+00 | 22.5000 | 6.75000 | 16875.0 |
| 47.0000 | 5.62500 | 0.000000E+00 | | |
| TOTALS FOR | | | | |
| STRUCTURE | 424.600 | 911.250 | 509.588 | 0.135162E+07 |
| 40.3148 | 5.62500 | -2.45035 | | |

MATERIAL ---------- MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGIN AT (0,0,0) ----------

| SET | Ixx | Iyy | Izz | Ixy |
|---|---|---|---|---|
| Iyz | Ixz | | | |
| | KG M **2 | KG M **2 | KG M **2 | KG M **2 |
| | KG M **2 | KG M **2 | | |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 2 | 0.624634E+08 | 0.207083E+10 | 0.208529E+10 | -0.231857E+09 |
| 0.184044E+08 | 0.130886E+09 | | | |
| 4 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 1 | 0.805250E+07 | 0.420141E+09 | 0.428105E+09 | -0.442770E+08 |
| 225338. | 0.161495E+07 | | | |
| 5 | 718564. | 0.183938E+08 | 0.191123E+08 | -0.313242E+07 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 7 | 0.431138E+07 | 0.163257E+09 | 0.167569E+09 | -0.227813E+08 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 6 | 718564. | 0.372937E+08 | 0.380123E+08 | -0.446133E+07 |
| 0.000000E+00 | 0.000000E+00 | | | |
| TOTALS FOR | | | | |
| STRUCTURE | 0.762644E+08 | 0.270992E+10 | 0.273809E+10 | -0.306509E+09 |
| 0.186298E+08 | 0.132501E+09 | | | |

MATERIAL ---------- MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGINS AT CENTROIDS ---------

| SET | Ixx | Iyy | Izz | Ixy |
|---|---|---|---|---|

```
  Iyz             Ixz
              KG  M   **2     KG  M   **2     KG  M   **2     KG  M   **2
              KG  M   **2     KG  M   **2

     9       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     2       0.196554E+08    0.397647E+09    0.390249E+09   -0.476837E-06
     0.335276E-07   -0.109678E+07
     4       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     8       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
    10       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
    0.000000E+00    0.000000E+00
     3       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     1       0.188095E+07    0.102048E+09    0.103858E+09   -0.149012E-07
     0.232831E-09    -3870.89
     5        184628.         16875.0         201503.       -0.465661E-09
     0.000000E+00    0.000000E+00
     7       0.110777E+07    0.125750E+07    0.236527E+07    0.149012E-07
     0.000000E+00    0.000000E+00
     6        184628.         16875.0         201503.        0.000000E+00
     0.000000E+00    0.000000E+00
TOTALS FOR
STRUCTURE    0.253827E+08    0.505025E+09    0.498544E+09   -0.476837E-06
0.298023E-07   -0.101998E+07


MATERIAL      ------------ PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL
AXES ------------------------------------
  SET             I               I               I
                   11              22              33
                  PRINCIPAL DIRECTIONS
              KG  M   **2     KG  M   **2     KG  M   **2

     9       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     2       0.397647E+09    0.390252E+09    0.196521E+08(-0.00,
     1.00,-0.00)(-0.00, 0.00, 1.00)( 1.00, 0.00, 0.00)
     4       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     8       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
    10       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
    0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     3       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     1       0.103858E+09    0.102048E+09    0.188095E+07(-0.00, 0.00,
     1.00)( 0.00, 1.00, 0.00)( 1.00, 0.00, 0.00)
     5        201503.         184628.         16875.0    ( 0.00, 0.00,
     1.00)( 1.00,-0.00, 0.00)( 0.00, 1.00, 0.00)
     7       0.236527E+07    0.125750E+07    0.110777E+07( 0.00, 0.00,
     1.00)( 0.00, 1.00, 0.00)( 1.00,-0.00, 0.00)
     6        201503.         184628.         16875.0    ( 0.00, 0.00,
     1.00)( 1.00, 0.00, 0.00)( 0.00, 1.00, 0.00)
TOTALS FOR
STRUCTURE    0.505025E+09    0.498547E+09    0.253805E+08(-0.00,
1.00,-0.00)(-0.00, 0.00, 1.00)( 1.00, 0.00, 0.00)


FORCE         ------------------- RESULTANT APPLIED LOAD AT ORIGIN IN
GLOBAL DIRECTIONS ------------------
OUTPUT GROUP      Fx              Fy              Fz              Mx
My              Mz
                  N               N               N             N   .M
                  N   .M          N   .M

LOAD CASE           6
TOTALS FOR
STRUCTURE    0.000000E+00    0.000000E+00   -0.208878E+07   -0.117494E+08
0.844231E+08    0.000000E+00
```

LOAD CASE 12
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.683438E+07 -0.384434E+08
0.276792E+09 0.000000E+00

AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS AND BEAMS) = 1.388
AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2540

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.17000E-01 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 102279

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 433020
LOCATIONS AVAILABLE = 98304000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 5604
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 5604
TOTAL NO. OF EQUATIONS = 5604
TOTAL NO. OF ACTIVE NODES = 934

NUMBER OF ELEMENT GROUPS = 33
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 32

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 29449
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 30755
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 8774
TOTAL SIZE OF ELEMENT DATA RECORDS = 560470
TOTAL SIZE OF ELEMENT RESULT RECORDS = 734797
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 34741
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 170271

TIME FOR PRE-SOLUTION PROCESS = 0.75000E-01 SEC.
(ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 9:56:35 ON 16/04/21 (DAY/MTH/YR)

S O L U T I O N B Y F R O N T A L S P A R S E M A T R I X T E C H N I Q U E

TIME FOR EQUATION REORDERING = 0.01 SEC.

IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED = 521865 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

==========
= Multifrontal statistics =
==========

| | |
|---|---|
| number of equations | 5586 |
| no. of nonzeroes in lower triangle of a | 96693 |
| number of compressed nodes | 931 |
| no. of compressed nonzeroes in l. tri. | 2298 |
| amount of workspace currently in use | 459515 |
| max. amt. of workspace used | 98131342 |
| no. of nonzeroes in the factor l | 281841. |
| number of super nodes | 494 |
| number of compressed subscripts | 17004 |
| size of stack storage | 27624 |
| maximum order of a front matrix | 180 |
| maximum size of a front matrix | 16290 |
| maximum size of a front trapezoid | 14679 |
| no. of floating point ops for factor | 2.5641D+07 |
| no. of floating point ops for solve | 1.1553D+06 |
| actual no. of nonzeroes in the factor l | 281841. |
| actual number of compressed subscripts | 17004 |

```
    actual size of stack storage used       =           51636
    near zero pivot monitoring activated
    number of pivots adjusted               =              0.
    negative pivot monitoring activated
    number of negative pivots encountered   =              0.
    factorization panel size                =             128
    factorization update panel size         =              32
    solution block size                     =               8

    time (in seconds) for structure input   =        0.007000
    time (in seconds) for ordering          =        0.009000
    time (in seconds) for symbolic factor   =        0.004000
    time (in seconds) for value input       =        0.007000

    number of cpus used for factor & solve  =               2
    time (in seconds) for numeric factor    =        0.031000
    computational rate (mflops) for factor  =      827.128936
    condition number estimate               =      3.5694D+17

    time (in seconds) for numeric solve     =        0.001500
    computational rate (mflops) for solve   =      770.190614

    i/o statistics:   unit number        length        amount
                                        (Mbytes)      (Mbytes)
                      -----------       --------      --------

                                31.           0.14          0.34
NUMBER OF POSITIVE EIGENVALUES                          =
5586
NUMBER OF NEGATIVE EIGENVALUES                          =
0

AMOUNT OF DISK SPACE USED                               =
0.14 MB
DETERMINANT OF STIFFNESS MATRIX                         =
9.970E+37110

SMALLEST PIVOT ENCOUNTERED WAS  0.645235E-03 AT NODE      449,
FREEDOM  6
LARGEST PIVOT ENCOUNTERED WAS   0.226672E+15 AT NODE       12,
FREEDOM  4
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   1      =
0.30899E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   2      =
0.18990E-16


TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION
=  0.66000E-01 SEC.
TOTAL ELAPSED TIME USED SOLVING EQUATIONS
=   0 HRS  0 MINS  0 SECS


LOCATIONS USED DURING POST-SOLUTION PROCESS =        451210
LOCATIONS AVAILABLE                         =      98304000

ACTUAL TOTAL NO. EDGES IN STRUCTURE        =    1405
ACTUAL TOTAL NO. FACES IN STRUCTURE        =     448

TIME FOR POST-SOLUTION PROCESS              =  0.14400     SEC.

TOTAL CPU TIME USED FOR SOLUTION           =  0.70100     SEC.

TOTAL ELAPSED TIME USED FOR SOLUTION       =   0 HRS  0 MINS  1
SECS

TIME AT CENTRAL PROCESSOR =  9:56:35 ON 16/04/21 (DAY/MTH/YR)


I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit     Disk Page     Calls to     Buffered     Disk
```

| Page Table Name | Peak File Size (Bytes) | I/O Routines | Transfers | Accesses | Swaps | Size (Mbytes) |
|---|---|---|---|---|---|---|
| PROBLEM | 16384 | 596 | 1387 | 0 | 0 | 0.1562500E-01 |
| FRONTAL | 16384 | 0 | 0 | 0 | 0 | 0.1562500E-01 |
| SHAPES | 16384 | 57 | 159 | 0 | 0 | 0.1562500E-01 |
| PLOT | 16384 | 2032 | 2286 | 0 | 0 | 4.062500 |
| RESTART | 0 | 0 | 0 | 0 | 0 | 0.0000000E+00 |

***LUSAS RUN SUCCESSFULLY COMPLETED***

TIME AT CENTRAL PROCESSOR = 9:56:37 ON 16/04/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| NLPZ | 98304000 |
| NPGS | 960 |
| MXELGP | 32 |

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| IDTIME | 1 |

```
LL        UU    UU   SSSSSS     AAAA     SSSSSS
LL        UU    UU  SS    SS   AA  AA   SS    SS
LL        UU    UU  SS        AA    AA  SS
LL        UU    UU   SSSSS    AAAAAAAA   SSSSS
LL        UU    UU    SSSSS   AAAAAAAA    SSSSS
LL        UU    UU        SS  AA    AA        SS
LLLLLLLL  UU    UU  SS    SS  AA    AA  SS    SS
LLLLLLLL   UUUUUU    SSSSSS   AA    AA   SSSSSS
```

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
Forge House,
66 High Street,
Kingston upon Thames,
Surrey, KT1 1HN, UK
www.lusas.com

Sales Enquiries: Tel +44 (0)20 8541 1999
Fax +44 (0)20 8549 9399
Email: info@lusas.com

Customer Support: Tel +44 (0)20 3325 0440
Fax +44 (0)20 8549 9399
Email: support@lusas.com

This is a BETA Version of the Code supplied for TEST purposes only.
This Version has passed all the standard QA Checks, but has not undergone
field testing.
The documentation may be incomplete, file formats and commands may be
changed for the Final Release.

KeyID 10035 licensed on PC processor. Expires 1-07-2021
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
Input file : C:\PROJECTS\CT-RG\Barbaianni\modelli\LUSASFiles32\Barbaianni_Impalcato\Barbaiann

i_Impalcato~Fase2a.dat

Number of processors available : 4
Maximum number of threads available : 4

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 9:56:39 ON 16/04/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M KG S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES

O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION

O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS

O P T I O N(S) 123 CLOCKWISE NODE NUMBERING

O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM

O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS

O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER

O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES

O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER

O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS

O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES

O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT

O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY

O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES

O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS

O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)

O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3

O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER

O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| JSH4 | ELEMENTS | | | |
| 1 | 1 | 2 | 1495 | 1496 |
| 9 | 9 | 10 | 1497 | 1498 |
| 10 | 13 | 12 | 1499 | 1500 |
| 20 | 18 | 17 | 1487 | 1488 |
| 21 | 28 | 29 | 1485 | 1486 |
| 22 | 39 | 40 | 1491 | 1492 |
| 23 | 42 | 41 | 1489 | 1490 |
| 24 | 52 | 53 | 1483 | 1484 |
| 25 | 63 | 64 | 1493 | 1494 |

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| QTS4 | ELEMENTS | | | |
| 446 | 422 | 423 | 480 | 479 |
| 447 | 423 | 424 | 481 | 480 |
| 448 | 424 | 425 | 482 | 481 |
| 449 | 425 | 426 | 483 | 482 |
| 450 | 426 | 427 | 484 | 483 |
| 451 | 427 | 428 | 485 | 484 |
| 452 | 428 | 429 | 486 | 485 |
| 453 | 429 | 430 | 487 | 486 |
| 454 | 430 | 431 | 488 | 487 |
| 455 | 431 | 432 | 489 | 488 |
| 456 | 432 | 433 | 490 | 489 |
| 457 | 433 | 434 | 491 | 490 |
| 458 | 434 | 435 | 492 | 491 |
| 459 | 435 | 436 | 493 | 492 |
| 460 | 436 | 437 | 494 | 493 |
| 461 | 437 | 438 | 495 | 494 |
| 462 | 438 | 439 | 496 | 495 |
| 463 | 439 | 440 | 497 | 496 |
| 464 | 440 | 441 | 498 | 497 |
| 465 | 441 | 442 | 499 | 498 |
| 466 | 442 | 443 | 500 | 499 |
| 467 | 443 | 444 | 501 | 500 |
| 468 | 444 | 445 | 502 | 501 |
| 469 | 445 | 446 | 503 | 502 |
| 470 | 446 | 447 | 504 | 503 |
| 471 | 447 | 448 | 505 | 504 |
| 472 | 448 | 449 | 506 | 505 |
| 473 | 449 | 450 | 507 | 506 |
| 474 | 450 | 451 | 508 | 507 |
| 475 | 451 | 452 | 509 | 508 |
| 476 | 452 | 453 | 510 | 509 |
| 477 | 453 | 454 | 511 | 510 |
| 478 | 454 | 455 | 512 | 511 |
| 479 | 455 | 456 | 513 | 512 |
| 480 | 456 | 457 | 514 | 513 |
| 481 | 457 | 458 | 515 | 514 |
| 482 | 458 | 459 | 516 | 515 |
| 483 | 459 | 460 | 517 | 516 |
| 484 | 460 | 461 | 518 | 517 |
| 485 | 461 | 462 | 519 | 518 |
| 486 | 462 | 463 | 520 | 519 |
| 487 | 463 | 464 | 521 | 520 |
| 488 | 464 | 465 | 522 | 521 |
| 489 | 465 | 466 | 523 | 522 |

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|---|---|---|---|---|
| 490 | 466 | 467 | 524 | 523 |
| 491 | 467 | 468 | 525 | 524 |
| 492 | 468 | 469 | 526 | 525 |
| 493 | 469 | 470 | 527 | 526 |
| 494 | 470 | 471 | 528 | 527 |
| 495 | 471 | 472 | 529 | 528 |
| 496 | 472 | 473 | 530 | 529 |
| 497 | 473 | 474 | 531 | 530 |
| 498 | 474 | 475 | 532 | 531 |
| 499 | 475 | 476 | 533 | 532 |
| 500 | 476 | 477 | 534 | 533 |
| 501 | 477 | 478 | 535 | 534 |
| 502 | 479 | 480 | 537 | 536 |
| 503 | 480 | 481 | 538 | 537 |
| 504 | 481 | 482 | 539 | 538 |
| 505 | 482 | 483 | 540 | 539 |
| 506 | 483 | 484 | 541 | 540 |
| 507 | 484 | 485 | 542 | 541 |
| 508 | 485 | 486 | 543 | 542 |
| 509 | 486 | 487 | 544 | 543 |
| 510 | 487 | 488 | 545 | 544 |
| 511 | 488 | 489 | 546 | 545 |
| 512 | 489 | 490 | 547 | 546 |
| 513 | 490 | 491 | 548 | 547 |
| 514 | 491 | 492 | 549 | 548 |
| 515 | 492 | 493 | 550 | 549 |
| 516 | 493 | 494 | 551 | 550 |
| 517 | 494 | 495 | 552 | 551 |
| 518 | 495 | 496 | 553 | 552 |
| 519 | 496 | 497 | 554 | 553 |
| 520 | 497 | 498 | 555 | 554 |
| 521 | 498 | 499 | 556 | 555 |
| 522 | 499 | 500 | 557 | 556 |
| 523 | 500 | 501 | 558 | 557 |
| 524 | 501 | 502 | 559 | 558 |
| 525 | 502 | 503 | 560 | 559 |
| 526 | 503 | 504 | 561 | 560 |
| 527 | 504 | 505 | 562 | 561 |
| 528 | 505 | 506 | 563 | 562 |
| 529 | 506 | 507 | 564 | 563 |
| 530 | 507 | 508 | 565 | 564 |
| 531 | 508 | 509 | 566 | 565 |
| 532 | 509 | 510 | 567 | 566 |
| 533 | 510 | 511 | 568 | 567 |
| 534 | 511 | 512 | 569 | 568 |
| 535 | 512 | 513 | 570 | 569 |
| 536 | 513 | 514 | 571 | 570 |
| 537 | 514 | 515 | 572 | 571 |
| 538 | 515 | 516 | 573 | 572 |
| 539 | 516 | 517 | 574 | 573 |
| 540 | 517 | 518 | 575 | 574 |
| 541 | 518 | 519 | 576 | 575 |
| 542 | 519 | 520 | 577 | 576 |
| 543 | 520 | 521 | 578 | 577 |
| 544 | 521 | 522 | 579 | 578 |
| 545 | 522 | 523 | 580 | 579 |
| 546 | 523 | 524 | 581 | 580 |
| 547 | 524 | 525 | 582 | 581 |
| 548 | 525 | 526 | 583 | 582 |
| 549 | 526 | 527 | 584 | 583 |
| 550 | 527 | 528 | 585 | 584 |
| 551 | 528 | 529 | 586 | 585 |
| 552 | 529 | 530 | 587 | 586 |
| 553 | 530 | 531 | 588 | 587 |
| 554 | 531 | 532 | 589 | 588 |
| 555 | 532 | 533 | 590 | 589 |
| 556 | 533 | 534 | 591 | 590 |
| 557 | 534 | 535 | 592 | 591 |
| 614 | 536 | 537 | 594 | 593 |
| 615 | 537 | 538 | 595 | 594 |
| 616 | 538 | 539 | 596 | 595 |
| 617 | 539 | 540 | 597 | 596 |
| 618 | 540 | 541 | 598 | 597 |

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|---|---|---|---|---|
| 619 | 541 | 542 | 599 | 598 |
| 620 | 542 | 543 | 600 | 599 |
| 621 | 543 | 544 | 601 | 600 |
| 622 | 544 | 545 | 602 | 601 |
| 623 | 545 | 546 | 603 | 602 |
| 624 | 546 | 547 | 604 | 603 |
| 625 | 547 | 548 | 605 | 604 |
| 626 | 548 | 549 | 606 | 605 |
| 627 | 549 | 550 | 607 | 606 |
| 628 | 550 | 551 | 608 | 607 |
| 629 | 551 | 552 | 609 | 608 |
| 630 | 552 | 553 | 610 | 609 |
| 631 | 553 | 554 | 611 | 610 |
| 632 | 554 | 555 | 612 | 611 |
| 633 | 555 | 556 | 613 | 612 |
| 634 | 556 | 557 | 614 | 613 |
| 635 | 557 | 558 | 615 | 614 |
| 636 | 558 | 559 | 616 | 615 |
| 637 | 559 | 560 | 617 | 616 |
| 638 | 560 | 561 | 618 | 617 |
| 639 | 561 | 562 | 619 | 618 |
| 640 | 562 | 563 | 620 | 619 |
| 641 | 563 | 564 | 621 | 620 |
| 642 | 564 | 565 | 622 | 621 |
| 643 | 565 | 566 | 623 | 622 |
| 644 | 566 | 567 | 624 | 623 |
| 645 | 567 | 568 | 625 | 624 |
| 646 | 568 | 569 | 626 | 625 |
| 647 | 569 | 570 | 627 | 626 |
| 648 | 570 | 571 | 628 | 627 |
| 649 | 571 | 572 | 629 | 628 |
| 650 | 572 | 573 | 630 | 629 |
| 651 | 573 | 574 | 631 | 630 |
| 652 | 574 | 575 | 632 | 631 |
| 653 | 575 | 576 | 633 | 632 |
| 654 | 576 | 577 | 634 | 633 |
| 655 | 577 | 578 | 635 | 634 |
| 656 | 578 | 579 | 636 | 635 |
| 657 | 579 | 580 | 637 | 636 |
| 658 | 580 | 581 | 638 | 637 |
| 659 | 581 | 582 | 639 | 638 |
| 660 | 582 | 583 | 640 | 639 |
| 661 | 583 | 584 | 641 | 640 |
| 662 | 584 | 585 | 642 | 641 |
| 663 | 585 | 586 | 643 | 642 |
| 664 | 586 | 587 | 644 | 643 |
| 665 | 587 | 588 | 645 | 644 |
| 666 | 588 | 589 | 646 | 645 |
| 667 | 589 | 590 | 647 | 646 |
| 668 | 590 | 591 | 648 | 647 |
| 669 | 591 | 592 | 649 | 648 |
| 670 | 593 | 594 | 651 | 650 |
| 671 | 594 | 595 | 652 | 651 |
| 672 | 595 | 596 | 653 | 652 |
| 673 | 596 | 597 | 654 | 653 |
| 674 | 597 | 598 | 655 | 654 |
| 675 | 598 | 599 | 656 | 655 |
| 676 | 599 | 600 | 657 | 656 |
| 677 | 600 | 601 | 658 | 657 |
| 678 | 601 | 602 | 659 | 658 |
| 679 | 602 | 603 | 660 | 659 |
| 680 | 603 | 604 | 661 | 660 |
| 681 | 604 | 605 | 662 | 661 |
| 682 | 605 | 606 | 663 | 662 |
| 683 | 606 | 607 | 664 | 663 |
| 684 | 607 | 608 | 665 | 664 |
| 685 | 608 | 609 | 666 | 665 |
| 686 | 609 | 610 | 667 | 666 |
| 687 | 610 | 611 | 668 | 667 |
| 688 | 611 | 612 | 669 | 668 |
| 689 | 612 | 613 | 670 | 669 |
| 690 | 613 | 614 | 671 | 670 |
| 691 | 614 | 615 | 672 | 671 |

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|---|---|---|---|---|
| 692 | 615 | 616 | 673 | 672 |
| 693 | 616 | 617 | 674 | 673 |
| 694 | 617 | 618 | 675 | 674 |
| 695 | 618 | 619 | 676 | 675 |
| 696 | 619 | 620 | 677 | 676 |
| 697 | 620 | 621 | 678 | 677 |
| 698 | 621 | 622 | 679 | 678 |
| 699 | 622 | 623 | 680 | 679 |
| 700 | 623 | 624 | 681 | 680 |
| 701 | 624 | 625 | 682 | 681 |
| 702 | 625 | 626 | 683 | 682 |
| 703 | 626 | 627 | 684 | 683 |
| 704 | 627 | 628 | 685 | 684 |
| 705 | 628 | 629 | 686 | 685 |
| 706 | 629 | 630 | 687 | 686 |
| 707 | 630 | 631 | 688 | 687 |
| 708 | 631 | 632 | 689 | 688 |
| 709 | 632 | 633 | 690 | 689 |
| 710 | 633 | 634 | 691 | 690 |
| 711 | 634 | 635 | 692 | 691 |
| 712 | 635 | 636 | 693 | 692 |
| 713 | 636 | 637 | 694 | 693 |
| 714 | 637 | 638 | 695 | 694 |
| 715 | 638 | 639 | 696 | 695 |
| 716 | 639 | 640 | 697 | 696 |
| 717 | 640 | 641 | 698 | 697 |
| 718 | 641 | 642 | 699 | 698 |
| 719 | 642 | 643 | 700 | 699 |
| 720 | 643 | 644 | 701 | 700 |
| 721 | 644 | 645 | 702 | 701 |
| 722 | 645 | 646 | 703 | 702 |
| 723 | 646 | 647 | 704 | 703 |
| 724 | 647 | 648 | 705 | 704 |
| 725 | 648 | 649 | 706 | 705 |
| 726 | 650 | 651 | 708 | 707 |
| 727 | 651 | 652 | 709 | 708 |
| 728 | 652 | 653 | 710 | 709 |
| 729 | 653 | 654 | 711 | 710 |
| 730 | 654 | 655 | 712 | 711 |
| 731 | 655 | 656 | 713 | 712 |
| 732 | 656 | 657 | 714 | 713 |
| 733 | 657 | 658 | 715 | 714 |
| 734 | 658 | 659 | 716 | 715 |
| 735 | 659 | 660 | 717 | 716 |
| 736 | 660 | 661 | 718 | 717 |
| 737 | 661 | 662 | 719 | 718 |
| 738 | 662 | 663 | 720 | 719 |
| 739 | 663 | 664 | 721 | 720 |
| 740 | 664 | 665 | 722 | 721 |
| 741 | 665 | 666 | 723 | 722 |
| 742 | 666 | 667 | 724 | 723 |
| 743 | 667 | 668 | 725 | 724 |
| 744 | 668 | 669 | 726 | 725 |
| 745 | 669 | 670 | 727 | 726 |
| 746 | 670 | 671 | 728 | 727 |
| 747 | 671 | 672 | 729 | 728 |
| 748 | 672 | 673 | 730 | 729 |
| 749 | 673 | 674 | 731 | 730 |
| 750 | 674 | 675 | 732 | 731 |
| 751 | 675 | 676 | 733 | 732 |
| 752 | 676 | 677 | 734 | 733 |
| 753 | 677 | 678 | 735 | 734 |
| 754 | 678 | 679 | 736 | 735 |
| 755 | 679 | 680 | 737 | 736 |
| 756 | 680 | 681 | 738 | 737 |
| 757 | 681 | 682 | 739 | 738 |
| 758 | 682 | 683 | 740 | 739 |
| 759 | 683 | 684 | 741 | 740 |
| 760 | 684 | 685 | 742 | 741 |
| 761 | 685 | 686 | 743 | 742 |
| 762 | 686 | 687 | 744 | 743 |
| 763 | 687 | 688 | 745 | 744 |
| 764 | 688 | 689 | 746 | 745 |

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|---|---|---|---|---|
| 765 | 689 | 690 | 747 | 746 |
| 766 | 690 | 691 | 748 | 747 |
| 767 | 691 | 692 | 749 | 748 |
| 768 | 692 | 693 | 750 | 749 |
| 769 | 693 | 694 | 751 | 750 |
| 770 | 694 | 695 | 752 | 751 |
| 771 | 695 | 696 | 753 | 752 |
| 772 | 696 | 697 | 754 | 753 |
| 773 | 697 | 698 | 755 | 754 |
| 774 | 698 | 699 | 756 | 755 |
| 775 | 699 | 700 | 757 | 756 |
| 776 | 700 | 701 | 758 | 757 |
| 777 | 701 | 702 | 759 | 758 |
| 778 | 702 | 703 | 760 | 759 |
| 779 | 703 | 704 | 761 | 760 |
| 780 | 704 | 705 | 762 | 761 |
| 781 | 705 | 706 | 763 | 762 |
| 782 | 707 | 708 | 765 | 764 |
| 783 | 708 | 709 | 766 | 765 |
| 784 | 709 | 710 | 767 | 766 |
| 785 | 710 | 711 | 768 | 767 |
| 786 | 711 | 712 | 769 | 768 |
| 787 | 712 | 713 | 770 | 769 |
| 788 | 713 | 714 | 771 | 770 |
| 789 | 714 | 715 | 772 | 771 |
| 790 | 715 | 716 | 773 | 772 |
| 791 | 716 | 717 | 774 | 773 |
| 792 | 717 | 718 | 775 | 774 |
| 793 | 718 | 719 | 776 | 775 |
| 794 | 719 | 720 | 777 | 776 |
| 795 | 720 | 721 | 778 | 777 |
| 796 | 721 | 722 | 779 | 778 |
| 797 | 722 | 723 | 780 | 779 |
| 798 | 723 | 724 | 781 | 780 |
| 799 | 724 | 725 | 782 | 781 |
| 800 | 725 | 726 | 783 | 782 |
| 801 | 726 | 727 | 784 | 783 |
| 802 | 727 | 728 | 785 | 784 |
| 803 | 728 | 729 | 786 | 785 |
| 804 | 729 | 730 | 787 | 786 |
| 805 | 730 | 731 | 788 | 787 |
| 806 | 731 | 732 | 789 | 788 |
| 807 | 732 | 733 | 790 | 789 |
| 808 | 733 | 734 | 791 | 790 |
| 809 | 734 | 735 | 792 | 791 |
| 810 | 735 | 736 | 793 | 792 |
| 811 | 736 | 737 | 794 | 793 |
| 812 | 737 | 738 | 795 | 794 |
| 813 | 738 | 739 | 796 | 795 |
| 814 | 739 | 740 | 797 | 796 |
| 815 | 740 | 741 | 798 | 797 |
| 816 | 741 | 742 | 799 | 798 |
| 817 | 742 | 743 | 800 | 799 |
| 818 | 743 | 744 | 801 | 800 |
| 819 | 744 | 745 | 802 | 801 |
| 820 | 745 | 746 | 803 | 802 |
| 821 | 746 | 747 | 804 | 803 |
| 822 | 747 | 748 | 805 | 804 |
| 823 | 748 | 749 | 806 | 805 |
| 824 | 749 | 750 | 807 | 806 |
| 825 | 750 | 751 | 808 | 807 |
| 826 | 751 | 752 | 809 | 808 |
| 827 | 752 | 753 | 810 | 809 |
| 828 | 753 | 754 | 811 | 810 |
| 829 | 754 | 755 | 812 | 811 |
| 830 | 755 | 756 | 813 | 812 |
| 831 | 756 | 757 | 814 | 813 |
| 832 | 757 | 758 | 815 | 814 |
| 833 | 758 | 759 | 816 | 815 |
| 834 | 759 | 760 | 817 | 816 |
| 835 | 760 | 761 | 818 | 817 |
| 836 | 761 | 762 | 819 | 818 |
| 837 | 762 | 763 | 820 | 819 |

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|---|---|---|---|---|
| 894 | 764 | 765 | 822 | 821 |
| 895 | 765 | 766 | 823 | 822 |
| 896 | 766 | 767 | 824 | 823 |
| 897 | 767 | 768 | 825 | 824 |
| 898 | 768 | 769 | 826 | 825 |
| 899 | 769 | 770 | 827 | 826 |
| 900 | 770 | 771 | 828 | 827 |
| 901 | 771 | 772 | 829 | 828 |
| 902 | 772 | 773 | 830 | 829 |
| 903 | 773 | 774 | 831 | 830 |
| 904 | 774 | 775 | 832 | 831 |
| 905 | 775 | 776 | 833 | 832 |
| 906 | 776 | 777 | 834 | 833 |
| 907 | 777 | 778 | 835 | 834 |
| 908 | 778 | 779 | 836 | 835 |
| 909 | 779 | 780 | 837 | 836 |
| 910 | 780 | 781 | 838 | 837 |
| 911 | 781 | 782 | 839 | 838 |
| 912 | 782 | 783 | 840 | 839 |
| 913 | 783 | 784 | 841 | 840 |
| 914 | 784 | 785 | 842 | 841 |
| 915 | 785 | 786 | 843 | 842 |
| 916 | 786 | 787 | 844 | 843 |
| 917 | 787 | 788 | 845 | 844 |
| 918 | 788 | 789 | 846 | 845 |
| 919 | 789 | 790 | 847 | 846 |
| 920 | 790 | 791 | 848 | 847 |
| 921 | 791 | 792 | 849 | 848 |
| 922 | 792 | 793 | 850 | 849 |
| 923 | 793 | 794 | 851 | 850 |
| 924 | 794 | 795 | 852 | 851 |
| 925 | 795 | 796 | 853 | 852 |
| 926 | 796 | 797 | 854 | 853 |
| 927 | 797 | 798 | 855 | 854 |
| 928 | 798 | 799 | 856 | 855 |
| 929 | 799 | 800 | 857 | 856 |
| 930 | 800 | 801 | 858 | 857 |
| 931 | 801 | 802 | 859 | 858 |
| 932 | 802 | 803 | 860 | 859 |
| 933 | 803 | 804 | 861 | 860 |
| 934 | 804 | 805 | 862 | 861 |
| 935 | 805 | 806 | 863 | 862 |
| 936 | 806 | 807 | 864 | 863 |
| 937 | 807 | 808 | 865 | 864 |
| 938 | 808 | 809 | 866 | 865 |
| 939 | 809 | 810 | 867 | 866 |
| 940 | 810 | 811 | 868 | 867 |
| 941 | 811 | 812 | 869 | 868 |
| 942 | 812 | 813 | 870 | 869 |
| 943 | 813 | 814 | 871 | 870 |
| 944 | 814 | 815 | 872 | 871 |
| 945 | 815 | 816 | 873 | 872 |
| 946 | 816 | 817 | 874 | 873 |
| 947 | 817 | 818 | 875 | 874 |
| 948 | 818 | 819 | 876 | 875 |
| 949 | 819 | 820 | 877 | 876 |
| 950 | 821 | 822 | 879 | 878 |
| 951 | 822 | 823 | 880 | 879 |
| 952 | 823 | 824 | 881 | 880 |
| 953 | 824 | 825 | 882 | 881 |
| 954 | 825 | 826 | 883 | 882 |
| 955 | 826 | 827 | 884 | 883 |
| 956 | 827 | 828 | 885 | 884 |
| 957 | 828 | 829 | 886 | 885 |
| 958 | 829 | 830 | 887 | 886 |
| 959 | 830 | 831 | 888 | 887 |
| 960 | 831 | 832 | 889 | 888 |
| 961 | 832 | 833 | 890 | 889 |
| 962 | 833 | 834 | 891 | 890 |
| 963 | 834 | 835 | 892 | 891 |
| 964 | 835 | 836 | 893 | 892 |
| 965 | 836 | 837 | 894 | 893 |
| 966 | 837 | 838 | 895 | 894 |

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|---|---|---|---|---|
| 967 | 838 | 839 | 896 | 895 |
| 968 | 839 | 840 | 897 | 896 |
| 969 | 840 | 841 | 898 | 897 |
| 970 | 841 | 842 | 899 | 898 |
| 971 | 842 | 843 | 900 | 899 |
| 972 | 843 | 844 | 901 | 900 |
| 973 | 844 | 845 | 902 | 901 |
| 974 | 845 | 846 | 903 | 902 |
| 975 | 846 | 847 | 904 | 903 |
| 976 | 847 | 848 | 905 | 904 |
| 977 | 848 | 849 | 906 | 905 |
| 978 | 849 | 850 | 907 | 906 |
| 979 | 850 | 851 | 908 | 907 |
| 980 | 851 | 852 | 909 | 908 |
| 981 | 852 | 853 | 910 | 909 |
| 982 | 853 | 854 | 911 | 910 |
| 983 | 854 | 855 | 912 | 911 |
| 984 | 855 | 856 | 913 | 912 |
| 985 | 856 | 857 | 914 | 913 |
| 986 | 857 | 858 | 915 | 914 |
| 987 | 858 | 859 | 916 | 915 |
| 988 | 859 | 860 | 917 | 916 |
| 989 | 860 | 861 | 918 | 917 |
| 990 | 861 | 862 | 919 | 918 |
| 991 | 862 | 863 | 920 | 919 |
| 992 | 863 | 864 | 921 | 920 |
| 993 | 864 | 865 | 922 | 921 |
| 994 | 865 | 866 | 923 | 922 |
| 995 | 866 | 867 | 924 | 923 |
| 996 | 867 | 868 | 925 | 924 |
| 997 | 868 | 869 | 926 | 925 |
| 998 | 869 | 870 | 927 | 926 |
| 999 | 870 | 871 | 928 | 927 |
| 1000 | 871 | 872 | 929 | 928 |
| 1001 | 872 | 873 | 930 | 929 |
| 1002 | 873 | 874 | 931 | 930 |
| 1003 | 874 | 875 | 932 | 931 |
| 1004 | 875 | 876 | 933 | 932 |
| 1005 | 876 | 877 | 934 | 933 |

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | END CONDITIONS (C=CONSTRAINED,F=FREE,R=RESTRAINED) |
|---|---|---|---|---|
| BMI21 | ELEMENTS | | | |
| 2 | 2 | 3 | 1096 | |
| 3 | 3 | 4 | 1093 | |
| 4 | 4 | 5 | 1094 | |
| 5 | 5 | 11 | 1095 | |
| 6 | 6 | 10 | 1106 | |
| 7 | 11 | 7 | 1092 | |
| 8 | 8 | 12 | 1102 | |
| 11 | 10 | 14 | 1103 | |
| 12 | 15 | 11 | 1091 | |
| 13 | 12 | 16 | 1099 | |
| 14 | 18 | 6 | 1105 | |
| 15 | 28 | 7 | 1098 | |
| 16 | 39 | 8 | 1101 | |
| 17 | 14 | 42 | 1104 | |
| 18 | 52 | 15 | 1097 | |
| 19 | 16 | 63 | 1100 | |
| 26 | 17 | 65 | 1153 | |
| 27 | 29 | 66 | 1173 | |
| 28 | 40 | 67 | 1193 | |
| 29 | 41 | 68 | 1109 | |
| 30 | 53 | 69 | 1129 | |
| 31 | 64 | 70 | 1149 | |
| 32 | 19 | 71 | 1293 | |

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|---|---|---|---|
| 33 | 20 | 72 | 1157 |
| 34 | 21 | 73 | 1313 |
| 35 | 22 | 74 | 1161 |
| 36 | 23 | 75 | 1333 |
| 37 | 24 | 76 | 1165 |
| 38 | 25 | 77 | 1353 |
| 39 | 26 | 78 | 1169 |
| 40 | 27 | 79 | 1373 |
| 41 | 30 | 80 | 1393 |
| 42 | 31 | 81 | 1177 |
| 43 | 32 | 82 | 1413 |
| 44 | 33 | 83 | 1181 |
| 45 | 34 | 84 | 1433 |
| 46 | 35 | 85 | 1185 |
| 47 | 36 | 86 | 1453 |
| 48 | 37 | 87 | 1189 |
| 49 | 38 | 88 | 1473 |
| 50 | 43 | 89 | 1289 |
| 51 | 44 | 90 | 1113 |
| 52 | 45 | 91 | 1309 |
| 53 | 46 | 92 | 1117 |
| 54 | 47 | 93 | 1329 |
| 55 | 48 | 94 | 1121 |
| 56 | 49 | 95 | 1349 |
| 57 | 50 | 96 | 1125 |
| 58 | 51 | 97 | 1369 |
| 59 | 54 | 98 | 1389 |
| 60 | 55 | 99 | 1133 |
| 61 | 56 | 100 | 1409 |
| 62 | 57 | 101 | 1137 |
| 63 | 58 | 102 | 1429 |
| 64 | 59 | 103 | 1141 |
| 65 | 60 | 104 | 1449 |
| 66 | 61 | 105 | 1145 |
| 67 | 62 | 106 | 1469 |
| 68 | 65 | 107 | 1154 |
| 69 | 66 | 108 | 1174 |
| 70 | 67 | 109 | 1194 |
| 71 | 68 | 110 | 1110 |
| 72 | 69 | 111 | 1130 |
| 73 | 70 | 112 | 1150 |
| 74 | 71 | 113 | 1294 |
| 75 | 72 | 114 | 1158 |
| 76 | 73 | 115 | 1314 |
| 77 | 74 | 116 | 1162 |
| 78 | 75 | 117 | 1334 |
| 79 | 76 | 118 | 1166 |
| 80 | 77 | 119 | 1354 |
| 81 | 78 | 120 | 1170 |
| 82 | 79 | 121 | 1374 |
| 83 | 80 | 122 | 1394 |
| 84 | 81 | 123 | 1178 |
| 85 | 82 | 124 | 1414 |
| 86 | 83 | 125 | 1182 |
| 87 | 84 | 126 | 1434 |
| 88 | 85 | 127 | 1186 |
| 89 | 86 | 128 | 1454 |
| 90 | 87 | 129 | 1190 |
| 91 | 88 | 130 | 1474 |
| 92 | 89 | 131 | 1290 |
| 93 | 90 | 132 | 1114 |
| 94 | 91 | 133 | 1310 |
| 95 | 92 | 134 | 1118 |
| 96 | 93 | 135 | 1330 |
| 97 | 94 | 136 | 1122 |
| 98 | 95 | 137 | 1350 |
| 99 | 96 | 138 | 1126 |
| 100 | 97 | 139 | 1370 |
| 101 | 98 | 140 | 1390 |
| 102 | 99 | 141 | 1134 |
| 103 | 100 | 142 | 1410 |
| 104 | 101 | 143 | 1138 |
| 105 | 102 | 144 | 1430 |

| | | | |
|---|---|---|---|
| 106 | 103 | 145 | 1142 |
| 107 | 104 | 146 | 1450 |
| 108 | 105 | 147 | 1146 |
| 109 | 106 | 148 | 1470 |
| 110 | 107 | 149 | 1151 |
| 111 | 108 | 150 | 1171 |
| 112 | 109 | 151 | 1191 |
| 113 | 110 | 152 | 1107 |
| 114 | 111 | 153 | 1127 |
| 115 | 112 | 154 | 1147 |
| 116 | 113 | 155 | 1291 |
| 117 | 114 | 156 | 1155 |
| 118 | 115 | 157 | 1311 |
| 119 | 116 | 158 | 1159 |
| 120 | 117 | 159 | 1331 |
| 121 | 118 | 160 | 1163 |
| 122 | 119 | 161 | 1351 |
| 123 | 120 | 162 | 1167 |
| 124 | 121 | 163 | 1371 |
| 125 | 122 | 164 | 1391 |
| 126 | 123 | 165 | 1175 |
| 127 | 124 | 166 | 1411 |
| 128 | 125 | 167 | 1179 |
| 129 | 126 | 168 | 1431 |
| 130 | 127 | 169 | 1183 |
| 131 | 128 | 170 | 1451 |
| 132 | 129 | 171 | 1187 |
| 133 | 130 | 172 | 1471 |
| 134 | 131 | 173 | 1287 |
| 135 | 132 | 174 | 1111 |
| 136 | 133 | 175 | 1307 |
| 137 | 134 | 176 | 1115 |
| 138 | 135 | 177 | 1327 |
| 139 | 136 | 178 | 1119 |
| 140 | 137 | 179 | 1347 |
| 141 | 138 | 180 | 1123 |
| 142 | 139 | 181 | 1367 |
| 143 | 140 | 182 | 1387 |
| 144 | 141 | 183 | 1131 |
| 145 | 142 | 184 | 1407 |
| 146 | 143 | 185 | 1135 |
| 147 | 144 | 186 | 1427 |
| 148 | 145 | 187 | 1139 |
| 149 | 146 | 188 | 1447 |
| 150 | 147 | 189 | 1143 |
| 151 | 148 | 190 | 1467 |
| 152 | 149 | 191 | 1152 |
| 153 | 150 | 201 | 1172 |
| 154 | 151 | 211 | 1192 |
| 155 | 152 | 275 | 1108 |
| 156 | 153 | 285 | 1128 |
| 157 | 154 | 295 | 1148 |
| 158 | 155 | 192 | 1292 |
| 159 | 156 | 193 | 1156 |
| 160 | 157 | 194 | 1312 |
| 161 | 158 | 195 | 1160 |
| 162 | 159 | 196 | 1332 |
| 163 | 160 | 197 | 1164 |
| 164 | 161 | 198 | 1352 |
| 165 | 162 | 199 | 1168 |
| 166 | 163 | 200 | 1372 |
| 167 | 164 | 202 | 1392 |
| 168 | 165 | 203 | 1176 |
| 169 | 166 | 204 | 1412 |
| 170 | 167 | 205 | 1180 |
| 171 | 168 | 206 | 1432 |
| 172 | 169 | 207 | 1184 |
| 173 | 170 | 208 | 1452 |
| 174 | 171 | 209 | 1188 |
| 175 | 172 | 210 | 1472 |
| 176 | 173 | 276 | 1288 |
| 177 | 174 | 277 | 1112 |
| 178 | 175 | 278 | 1308 |

| | | | |
|---|---|---|---|
| 179 | 176 | 279 | 1116 |
| 180 | 177 | 280 | 1328 |
| 181 | 178 | 281 | 1120 |
| 182 | 179 | 282 | 1348 |
| 183 | 180 | 283 | 1124 |
| 184 | 181 | 284 | 1368 |
| 185 | 182 | 286 | 1388 |
| 186 | 183 | 287 | 1132 |
| 187 | 184 | 288 | 1408 |
| 188 | 185 | 289 | 1136 |
| 189 | 186 | 290 | 1428 |
| 190 | 187 | 291 | 1140 |
| 191 | 188 | 292 | 1448 |
| 192 | 189 | 293 | 1144 |
| 193 | 190 | 294 | 1468 |
| 194 | 191 | 212 | 1047 |
| 195 | 192 | 213 | 1283 |
| 196 | 193 | 214 | 1051 |
| 197 | 194 | 215 | 1303 |
| 198 | 195 | 216 | 1055 |
| 199 | 196 | 217 | 1323 |
| 200 | 197 | 218 | 1059 |
| 201 | 198 | 219 | 1343 |
| 202 | 199 | 220 | 1063 |
| 203 | 200 | 221 | 1363 |
| 204 | 201 | 222 | 1067 |
| 205 | 202 | 223 | 1383 |
| 206 | 203 | 224 | 1071 |
| 207 | 204 | 225 | 1403 |
| 208 | 205 | 226 | 1075 |
| 209 | 206 | 227 | 1423 |
| 210 | 207 | 228 | 1079 |
| 211 | 208 | 229 | 1443 |
| 212 | 209 | 230 | 1083 |
| 213 | 210 | 231 | 1463 |
| 214 | 211 | 232 | 1087 |
| 215 | 212 | 233 | 1048 |
| 216 | 213 | 234 | 1284 |
| 217 | 214 | 235 | 1052 |
| 218 | 215 | 236 | 1304 |
| 219 | 216 | 237 | 1056 |
| 220 | 217 | 238 | 1324 |
| 221 | 218 | 239 | 1060 |
| 222 | 219 | 240 | 1344 |
| 223 | 220 | 241 | 1064 |
| 224 | 221 | 242 | 1364 |
| 225 | 222 | 243 | 1068 |
| 226 | 223 | 244 | 1384 |
| 227 | 224 | 245 | 1072 |
| 228 | 225 | 246 | 1404 |
| 229 | 226 | 247 | 1076 |
| 230 | 227 | 248 | 1424 |
| 231 | 228 | 249 | 1080 |
| 232 | 229 | 250 | 1444 |
| 233 | 230 | 251 | 1084 |
| 234 | 231 | 252 | 1464 |
| 235 | 232 | 253 | 1088 |
| 236 | 233 | 254 | 1049 |
| 237 | 234 | 255 | 1285 |
| 238 | 235 | 256 | 1053 |
| 239 | 236 | 257 | 1305 |
| 240 | 237 | 258 | 1057 |
| 241 | 238 | 259 | 1325 |
| 242 | 239 | 260 | 1061 |
| 243 | 240 | 261 | 1345 |
| 244 | 241 | 262 | 1065 |
| 245 | 242 | 263 | 1365 |
| 246 | 243 | 264 | 1069 |
| 247 | 244 | 265 | 1385 |
| 248 | 245 | 266 | 1073 |
| 249 | 246 | 267 | 1405 |
| 250 | 247 | 268 | 1077 |
| 251 | 248 | 269 | 1425 |

| | | | |
|---|---|---|---|
| 252 | 249 | 270 | 1081 |
| 253 | 250 | 271 | 1445 |
| 254 | 251 | 272 | 1085 |
| 255 | 252 | 273 | 1465 |
| 256 | 253 | 274 | 1089 |
| 257 | 254 | 275 | 1050 |
| 258 | 255 | 276 | 1286 |
| 259 | 256 | 277 | 1054 |
| 260 | 257 | 278 | 1306 |
| 261 | 258 | 279 | 1058 |
| 262 | 259 | 280 | 1326 |
| 263 | 260 | 281 | 1062 |
| 264 | 261 | 282 | 1346 |
| 265 | 262 | 283 | 1066 |
| 266 | 263 | 284 | 1366 |
| 267 | 264 | 285 | 1070 |
| 268 | 265 | 286 | 1386 |
| 269 | 266 | 287 | 1074 |
| 270 | 267 | 288 | 1406 |
| 271 | 268 | 289 | 1078 |
| 272 | 269 | 290 | 1426 |
| 273 | 270 | 291 | 1082 |
| 274 | 271 | 292 | 1446 |
| 275 | 272 | 293 | 1086 |
| 276 | 273 | 294 | 1466 |
| 277 | 274 | 295 | 1090 |
| 278 | 192 | 296 | 1301 |
| 279 | 193 | 297 | 1245 |
| 280 | 194 | 298 | 1321 |
| 281 | 195 | 299 | 1249 |
| 282 | 196 | 300 | 1341 |
| 283 | 197 | 301 | 1253 |
| 284 | 198 | 302 | 1361 |
| 285 | 199 | 303 | 1257 |
| 286 | 200 | 304 | 1381 |
| 287 | 202 | 305 | 1401 |
| 288 | 203 | 306 | 1265 |
| 289 | 204 | 307 | 1421 |
| 290 | 205 | 308 | 1269 |
| 291 | 206 | 309 | 1441 |
| 292 | 207 | 310 | 1273 |
| 293 | 208 | 311 | 1461 |
| 294 | 209 | 312 | 1277 |
| 295 | 210 | 313 | 1481 |
| 296 | 276 | 314 | 1297 |
| 297 | 277 | 315 | 1201 |
| 298 | 278 | 316 | 1317 |
| 299 | 279 | 317 | 1205 |
| 300 | 280 | 318 | 1337 |
| 301 | 281 | 319 | 1209 |
| 302 | 282 | 320 | 1357 |
| 303 | 283 | 321 | 1213 |
| 304 | 284 | 322 | 1377 |
| 305 | 286 | 323 | 1397 |
| 306 | 287 | 324 | 1221 |
| 307 | 288 | 325 | 1417 |
| 308 | 289 | 326 | 1225 |
| 309 | 290 | 327 | 1437 |
| 310 | 291 | 328 | 1229 |
| 311 | 292 | 329 | 1457 |
| 312 | 293 | 330 | 1233 |
| 313 | 294 | 331 | 1477 |
| 314 | 191 | 332 | 1241 |
| 315 | 201 | 333 | 1261 |
| 316 | 211 | 334 | 1281 |
| 317 | 275 | 335 | 1197 |
| 318 | 285 | 336 | 1217 |
| 319 | 295 | 337 | 1237 |
| 320 | 296 | 338 | 1302 |
| 321 | 297 | 339 | 1246 |
| 322 | 298 | 340 | 1322 |
| 323 | 299 | 341 | 1250 |
| 324 | 300 | 342 | 1342 |

| | | | |
|---|---|---|---|
| 325 | 301 | 343 | 1254 |
| 326 | 302 | 344 | 1362 |
| 327 | 303 | 345 | 1258 |
| 328 | 304 | 346 | 1382 |
| 329 | 305 | 347 | 1402 |
| 330 | 306 | 348 | 1266 |
| 331 | 307 | 349 | 1422 |
| 332 | 308 | 350 | 1270 |
| 333 | 309 | 351 | 1442 |
| 334 | 310 | 352 | 1274 |
| 335 | 311 | 353 | 1462 |
| 336 | 312 | 354 | 1278 |
| 337 | 313 | 355 | 1482 |
| 338 | 314 | 356 | 1298 |
| 339 | 315 | 357 | 1202 |
| 340 | 316 | 358 | 1318 |
| 341 | 317 | 359 | 1206 |
| 342 | 318 | 360 | 1338 |
| 343 | 319 | 361 | 1210 |
| 344 | 320 | 362 | 1358 |
| 345 | 321 | 363 | 1214 |
| 346 | 322 | 364 | 1378 |
| 347 | 323 | 365 | 1398 |
| 348 | 324 | 366 | 1222 |
| 349 | 325 | 367 | 1418 |
| 350 | 326 | 368 | 1226 |
| 351 | 327 | 369 | 1438 |
| 352 | 328 | 370 | 1230 |
| 353 | 329 | 371 | 1458 |
| 354 | 330 | 372 | 1234 |
| 355 | 331 | 373 | 1478 |
| 356 | 332 | 374 | 1242 |
| 357 | 333 | 375 | 1262 |
| 358 | 334 | 376 | 1282 |
| 359 | 335 | 377 | 1198 |
| 360 | 336 | 378 | 1218 |
| 361 | 337 | 379 | 1238 |
| 362 | 338 | 380 | 1299 |
| 363 | 339 | 381 | 1243 |
| 364 | 340 | 382 | 1319 |
| 365 | 341 | 383 | 1247 |
| 366 | 342 | 384 | 1339 |
| 367 | 343 | 385 | 1251 |
| 368 | 344 | 386 | 1359 |
| 369 | 345 | 387 | 1255 |
| 370 | 346 | 388 | 1379 |
| 371 | 347 | 389 | 1399 |
| 372 | 348 | 390 | 1263 |
| 373 | 349 | 391 | 1419 |
| 374 | 350 | 392 | 1267 |
| 375 | 351 | 393 | 1439 |
| 376 | 352 | 394 | 1271 |
| 377 | 353 | 395 | 1459 |
| 378 | 354 | 396 | 1275 |
| 379 | 355 | 397 | 1479 |
| 380 | 356 | 398 | 1295 |
| 381 | 357 | 399 | 1199 |
| 382 | 358 | 400 | 1315 |
| 383 | 359 | 401 | 1203 |
| 384 | 360 | 402 | 1335 |
| 385 | 361 | 403 | 1207 |
| 386 | 362 | 404 | 1355 |
| 387 | 363 | 405 | 1211 |
| 388 | 364 | 406 | 1375 |
| 389 | 365 | 407 | 1395 |
| 390 | 366 | 408 | 1219 |
| 391 | 367 | 409 | 1415 |
| 392 | 368 | 410 | 1223 |
| 393 | 369 | 411 | 1435 |
| 394 | 370 | 412 | 1227 |
| 395 | 371 | 413 | 1455 |
| 396 | 372 | 414 | 1231 |
| 397 | 373 | 415 | 1475 |

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|---|---|---|---|
| 398 | 374 | 416 | 1239 |
| 399 | 375 | 417 | 1259 |
| 400 | 376 | 418 | 1279 |
| 401 | 377 | 419 | 1195 |
| 402 | 378 | 420 | 1215 |
| 403 | 379 | 421 | 1235 |
| 404 | 380 | 539 | 1300 |
| 405 | 381 | 542 | 1244 |
| 406 | 382 | 544 | 1320 |
| 407 | 383 | 547 | 1248 |
| 408 | 384 | 550 | 1340 |
| 409 | 385 | 552 | 1252 |
| 410 | 386 | 555 | 1360 |
| 411 | 387 | 558 | 1256 |
| 412 | 388 | 560 | 1380 |
| 413 | 389 | 566 | 1400 |
| 414 | 390 | 568 | 1264 |
| 415 | 391 | 571 | 1420 |
| 416 | 392 | 574 | 1268 |
| 417 | 393 | 577 | 1440 |
| 418 | 394 | 580 | 1272 |
| 419 | 395 | 583 | 1460 |
| 420 | 396 | 586 | 1276 |
| 421 | 397 | 589 | 1480 |
| 422 | 398 | 767 | 1296 |
| 423 | 399 | 770 | 1200 |
| 424 | 400 | 772 | 1316 |
| 425 | 401 | 775 | 1204 |
| 426 | 402 | 778 | 1336 |
| 427 | 403 | 780 | 1208 |
| 428 | 404 | 783 | 1356 |
| 429 | 405 | 786 | 1212 |
| 430 | 406 | 788 | 1376 |
| 431 | 407 | 794 | 1396 |
| 432 | 408 | 796 | 1220 |
| 433 | 409 | 799 | 1416 |
| 434 | 410 | 802 | 1224 |
| 435 | 411 | 805 | 1436 |
| 436 | 412 | 808 | 1228 |
| 437 | 413 | 811 | 1456 |
| 438 | 414 | 814 | 1232 |
| 439 | 415 | 817 | 1476 |
| 440 | 416 | 536 | 1240 |
| 441 | 417 | 563 | 1260 |
| 442 | 418 | 592 | 1280 |
| 443 | 419 | 764 | 1196 |
| 444 | 420 | 791 | 1216 |
| 445 | 421 | 820 | 1236 |
| 558 | 536 | 537 | 949 |
| 559 | 537 | 538 | 950 |
| 560 | 538 | 539 | 951 |
| 561 | 539 | 540 | 952 |
| 562 | 540 | 541 | 953 |
| 563 | 541 | 542 | 954 |
| 564 | 542 | 543 | 935 |
| 565 | 543 | 544 | 961 |
| 566 | 544 | 545 | 962 |
| 567 | 545 | 546 | 963 |
| 568 | 546 | 547 | 964 |
| 569 | 547 | 548 | 969 |
| 570 | 548 | 549 | 970 |
| 571 | 549 | 550 | 971 |
| 572 | 550 | 551 | 972 |
| 573 | 551 | 552 | 936 |
| 574 | 552 | 553 | 977 |
| 575 | 553 | 554 | 978 |
| 576 | 554 | 555 | 979 |
| 577 | 555 | 556 | 980 |
| 578 | 556 | 557 | 981 |
| 579 | 557 | 558 | 982 |
| 580 | 558 | 559 | 937 |
| 581 | 559 | 560 | 989 |
| 582 | 560 | 561 | 990 |

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|---|---|---|---|
| 583 | 561 | 562 | 991 |
| 584 | 562 | 563 | 992 |
| 585 | 563 | 564 | 997 |
| 586 | 564 | 565 | 998 |
| 587 | 565 | 566 | 999 |
| 588 | 566 | 567 | 1000 |
| 589 | 567 | 568 | 938 |
| 590 | 568 | 569 | 1005 |
| 591 | 569 | 570 | 1006 |
| 592 | 570 | 571 | 1007 |
| 593 | 571 | 572 | 1008 |
| 594 | 572 | 573 | 1009 |
| 595 | 573 | 574 | 1010 |
| 596 | 574 | 575 | 947 |
| 597 | 575 | 576 | 1017 |
| 598 | 576 | 577 | 1018 |
| 599 | 577 | 578 | 1019 |
| 600 | 578 | 579 | 1020 |
| 601 | 579 | 580 | 1021 |
| 602 | 580 | 581 | 1027 |
| 603 | 581 | 582 | 1028 |
| 604 | 582 | 583 | 1029 |
| 605 | 583 | 584 | 1030 |
| 606 | 584 | 585 | 939 |
| 607 | 585 | 586 | 940 |
| 608 | 586 | 587 | 1035 |
| 609 | 587 | 588 | 1036 |
| 610 | 588 | 589 | 1037 |
| 611 | 589 | 590 | 1038 |
| 612 | 590 | 591 | 1039 |
| 613 | 591 | 592 | 1040 |
| 838 | 764 | 765 | 955 |
| 839 | 765 | 766 | 956 |
| 840 | 766 | 767 | 957 |
| 841 | 767 | 768 | 958 |
| 842 | 768 | 769 | 959 |
| 843 | 769 | 770 | 960 |
| 844 | 770 | 771 | 941 |
| 845 | 771 | 772 | 965 |
| 846 | 772 | 773 | 966 |
| 847 | 773 | 774 | 967 |
| 848 | 774 | 775 | 968 |
| 849 | 775 | 776 | 973 |
| 850 | 776 | 777 | 974 |
| 851 | 777 | 778 | 975 |
| 852 | 778 | 779 | 976 |
| 853 | 779 | 780 | 942 |
| 854 | 780 | 781 | 983 |
| 855 | 781 | 782 | 984 |
| 856 | 782 | 783 | 985 |
| 857 | 783 | 784 | 986 |
| 858 | 784 | 785 | 987 |
| 859 | 785 | 786 | 988 |
| 860 | 786 | 787 | 943 |
| 861 | 787 | 788 | 993 |
| 862 | 788 | 789 | 994 |
| 863 | 789 | 790 | 995 |
| 864 | 790 | 791 | 996 |
| 865 | 791 | 792 | 1001 |
| 866 | 792 | 793 | 1002 |
| 867 | 793 | 794 | 1003 |
| 868 | 794 | 795 | 1004 |
| 869 | 795 | 796 | 944 |
| 870 | 796 | 797 | 1011 |
| 871 | 797 | 798 | 1012 |
| 872 | 798 | 799 | 1013 |
| 873 | 799 | 800 | 1014 |
| 874 | 800 | 801 | 1015 |
| 875 | 801 | 802 | 1016 |
| 876 | 802 | 803 | 948 |
| 877 | 803 | 804 | 1022 |
| 878 | 804 | 805 | 1023 |
| 879 | 805 | 806 | 1024 |

| | | | |
|---|---|---|---|
| 880 | 806 | 807 | 1025 |
| 881 | 807 | 808 | 1026 |
| 882 | 808 | 809 | 1031 |
| 883 | 809 | 810 | 1032 |
| 884 | 810 | 811 | 1033 |
| 885 | 811 | 812 | 1034 |
| 886 | 812 | 813 | 945 |
| 887 | 813 | 814 | 946 |
| 888 | 814 | 815 | 1041 |
| 889 | 815 | 816 | 1042 |
| 890 | 816 | 817 | 1043 |
| 891 | 817 | 818 | 1044 |
| 892 | 818 | 819 | 1045 |
| 893 | 819 | 820 | 1046 |

TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST NODE NUMBER = 1500

D E F A U L T S O L V E R C H O S E N

N O D E C O O R D I N A T E S

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|---|---|---|---|
| 1 | 40.0000 | 5.62500 | -8.60000 |
| 2 | 40.0000 | 5.62500 | -8.60000 |
| 3 | 40.0000 | 5.62500 | -6.80000 |
| 4 | 40.0000 | 5.62500 | -5.46667 |
| 5 | 40.0000 | 5.62500 | -4.13333 |
| 6 | 0.000000E+00 | 2.35000 | -2.80000 |
| 7 | 40.0000 | 2.35000 | -2.80000 |
| 8 | 81.0000 | 2.35000 | -2.80000 |
| 9 | 0.000000E+00 | 5.62500 | -2.80000 |
| 10 | 0.000000E+00 | 5.62500 | -2.80000 |
| 11 | 40.0000 | 5.62500 | -2.80000 |
| 12 | 81.0000 | 5.62500 | -2.80000 |
| 13 | 81.0000 | 5.62500 | -2.80000 |
| 14 | 0.000000E+00 | 8.90000 | -2.80000 |
| 15 | 40.0000 | 8.90000 | -2.80000 |
| 16 | 81.0000 | 8.90000 | -2.80000 |
| 17 | 0.000000E+00 | 2.35000 | -2.30000 |
| 18 | 0.000000E+00 | 2.35000 | -2.30000 |
| 19 | 4.00000 | 2.35000 | -2.30000 |
| 20 | 8.00000 | 2.35000 | -2.30000 |
| 21 | 12.0000 | 2.35000 | -2.30000 |
| 22 | 16.0000 | 2.35000 | -2.30000 |
| 23 | 20.0000 | 2.35000 | -2.30000 |
| 24 | 24.0000 | 2.35000 | -2.30000 |
| 25 | 28.0000 | 2.35000 | -2.30000 |
| 26 | 32.0000 | 2.35000 | -2.30000 |
| 27 | 36.0000 | 2.35000 | -2.30000 |
| 28 | 40.0000 | 2.35000 | -2.30000 |
| 29 | 40.0000 | 2.35000 | -2.30000 |
| 30 | 44.0000 | 2.35000 | -2.30000 |
| 31 | 48.0000 | 2.35000 | -2.30000 |
| 32 | 52.2500 | 2.35000 | -2.30000 |
| 33 | 56.5000 | 2.35000 | -2.30000 |
| 34 | 60.7500 | 2.35000 | -2.30000 |
| 35 | 65.0000 | 2.35000 | -2.30000 |
| 36 | 69.0000 | 2.35000 | -2.30000 |
| 37 | 73.0000 | 2.35000 | -2.30000 |
| 38 | 77.0000 | 2.35000 | -2.30000 |
| 39 | 81.0000 | 2.35000 | -2.30000 |
| 40 | 81.0000 | 2.35000 | -2.30000 |

| | | | |
|---|---|---|---|
| 41 | 0.000000E+00 | 8.90000 | -2.30000 |
| 42 | 0.000000E+00 | 8.90000 | -2.30000 |
| 43 | 4.00000 | 8.90000 | -2.30000 |
| 44 | 8.00000 | 8.90000 | -2.30000 |
| 45 | 12.0000 | 8.90000 | -2.30000 |
| 46 | 16.0000 | 8.90000 | -2.30000 |
| 47 | 20.0000 | 8.90000 | -2.30000 |
| 48 | 24.0000 | 8.90000 | -2.30000 |
| 49 | 28.0000 | 8.90000 | -2.30000 |
| 50 | 32.0000 | 8.90000 | -2.30000 |
| 51 | 36.0000 | 8.90000 | -2.30000 |
| 52 | 40.0000 | 8.90000 | -2.30000 |
| 53 | 40.0000 | 8.90000 | -2.30000 |
| 54 | 44.0000 | 8.90000 | -2.30000 |
| 55 | 48.0000 | 8.90000 | -2.30000 |
| 56 | 52.2500 | 8.90000 | -2.30000 |
| 57 | 56.5000 | 8.90000 | -2.30000 |
| 58 | 60.7500 | 8.90000 | -2.30000 |
| 59 | 65.0000 | 8.90000 | -2.30000 |
| 60 | 69.0000 | 8.90000 | -2.30000 |
| 61 | 73.0000 | 8.90000 | -2.30000 |
| 62 | 77.0000 | 8.90000 | -2.30000 |
| 63 | 81.0000 | 8.90000 | -2.30000 |
| 64 | 81.0000 | 8.90000 | -2.30000 |
| 65 | 0.000000E+00 | 2.35000 | -2.02500 |
| 66 | 40.0000 | 2.35000 | -2.02500 |
| 67 | 81.0000 | 2.35000 | -2.02500 |
| 68 | 0.000000E+00 | 8.90000 | -2.02500 |
| 69 | 40.0000 | 8.90000 | -2.02500 |
| 70 | 81.0000 | 8.90000 | -2.02500 |
| 71 | 4.00000 | 2.35000 | -1.89750 |
| 72 | 8.00000 | 2.35000 | -1.89750 |
| 73 | 12.0000 | 2.35000 | -1.89750 |
| 74 | 16.0000 | 2.35000 | -1.89750 |
| 75 | 20.0000 | 2.35000 | -1.89750 |
| 76 | 24.0000 | 2.35000 | -1.89750 |
| 77 | 28.0000 | 2.35000 | -1.89750 |
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| 79 | 36.0000 | 2.35000 | -1.89750 |
| 80 | 44.0000 | 2.35000 | -1.89750 |
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| 82 | 52.2500 | 2.35000 | -1.89750 |
| 83 | 56.5000 | 2.35000 | -1.89750 |
| 84 | 60.7500 | 2.35000 | -1.89750 |
| 85 | 65.0000 | 2.35000 | -1.89750 |
| 86 | 69.0000 | 2.35000 | -1.89750 |
| 87 | 73.0000 | 2.35000 | -1.89750 |
| 88 | 77.0000 | 2.35000 | -1.89750 |
| 89 | 4.00000 | 8.90000 | -1.89750 |
| 90 | 8.00000 | 8.90000 | -1.89750 |
| 91 | 12.0000 | 8.90000 | -1.89750 |
| 92 | 16.0000 | 8.90000 | -1.89750 |
| 93 | 20.0000 | 8.90000 | -1.89750 |
| 94 | 24.0000 | 8.90000 | -1.89750 |
| 95 | 28.0000 | 8.90000 | -1.89750 |
| 96 | 32.0000 | 8.90000 | -1.89750 |
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| 98 | 44.0000 | 8.90000 | -1.89750 |
| 99 | 48.0000 | 8.90000 | -1.89750 |
| 100 | 52.2500 | 8.90000 | -1.89750 |
| 101 | 56.5000 | 8.90000 | -1.89750 |
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| 103 | 65.0000 | 8.90000 | -1.89750 |
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| 105 | 73.0000 | 8.90000 | -1.89750 |
| 106 | 77.0000 | 8.90000 | -1.89750 |
| 107 | 0.000000E+00 | 2.35000 | -1.75000 |
| 108 | 40.0000 | 2.35000 | -1.75000 |
| 109 | 81.0000 | 2.35000 | -1.75000 |
| 110 | 0.000000E+00 | 8.90000 | -1.75000 |
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| 112 | 81.0000 | 8.90000 | -1.75000 |
| 113 | 4.00000 | 2.35000 | -1.49500 |

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| 115 | 12.0000 | 2.35000 | -1.49500 |
| 116 | 16.0000 | 2.35000 | -1.49500 |
| 117 | 20.0000 | 2.35000 | -1.49500 |
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| 120 | 32.0000 | 2.35000 | -1.49500 |
| 121 | 36.0000 | 2.35000 | -1.49500 |
| 122 | 44.0000 | 2.35000 | -1.49500 |
| 123 | 48.0000 | 2.35000 | -1.49500 |
| 124 | 52.2500 | 2.35000 | -1.49500 |
| 125 | 56.5000 | 2.35000 | -1.49500 |
| 126 | 60.7500 | 2.35000 | -1.49500 |
| 127 | 65.0000 | 2.35000 | -1.49500 |
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| 129 | 73.0000 | 2.35000 | -1.49500 |
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| 141 | 48.0000 | 8.90000 | -1.49500 |
| 142 | 52.2500 | 8.90000 | -1.49500 |
| 143 | 56.5000 | 8.90000 | -1.49500 |
| 144 | 60.7500 | 8.90000 | -1.49500 |
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| 146 | 69.0000 | 8.90000 | -1.49500 |
| 147 | 73.0000 | 8.90000 | -1.49500 |
| 148 | 77.0000 | 8.90000 | -1.49500 |
| 149 | 0.000000E+00 | 2.35000 | -1.42500 |
| 150 | 40.0000 | 2.35000 | -1.42500 |
| 151 | 81.0000 | 2.35000 | -1.42500 |
| 152 | 0.000000E+00 | 8.90000 | -1.42500 |
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| 154 | 81.0000 | 8.90000 | -1.42500 |
| 155 | 4.00000 | 2.35000 | -1.29750 |
| 156 | 8.00000 | 2.35000 | -1.29750 |
| 157 | 12.0000 | 2.35000 | -1.29750 |
| 158 | 16.0000 | 2.35000 | -1.29750 |
| 159 | 20.0000 | 2.35000 | -1.29750 |
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| 161 | 28.0000 | 2.35000 | -1.29750 |
| 162 | 32.0000 | 2.35000 | -1.29750 |
| 163 | 36.0000 | 2.35000 | -1.29750 |
| 164 | 44.0000 | 2.35000 | -1.29750 |
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| 166 | 52.2500 | 2.35000 | -1.29750 |
| 167 | 56.5000 | 2.35000 | -1.29750 |
| 168 | 60.7500 | 2.35000 | -1.29750 |
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| 185 | 56.5000 | 8.90000 | -1.29750 |
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|---|---|---|---|
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| 188 | 69.0000 | 8.90000 | -1.29750 |
| 189 | 73.0000 | 8.90000 | -1.29750 |
| 190 | 77.0000 | 8.90000 | -1.29750 |
| 191 | 0.000000E+00 | 2.35000 | -1.10000 |
| 192 | 4.00000 | 2.35000 | -1.10000 |
| 193 | 8.00000 | 2.35000 | -1.10000 |
| 194 | 12.0000 | 2.35000 | -1.10000 |
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| 197 | 24.0000 | 2.35000 | -1.10000 |
| 198 | 28.0000 | 2.35000 | -1.10000 |
| 199 | 32.0000 | 2.35000 | -1.10000 |
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| 201 | 40.0000 | 2.35000 | -1.10000 |
| 202 | 44.0000 | 2.35000 | -1.10000 |
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| 204 | 52.2500 | 2.35000 | -1.10000 |
| 205 | 56.5000 | 2.35000 | -1.10000 |
| 206 | 60.7500 | 2.35000 | -1.10000 |
| 207 | 65.0000 | 2.35000 | -1.10000 |
| 208 | 69.0000 | 2.35000 | -1.10000 |
| 209 | 73.0000 | 2.35000 | -1.10000 |
| 210 | 77.0000 | 2.35000 | -1.10000 |
| 211 | 81.0000 | 2.35000 | -1.10000 |
| 212 | 0.000000E+00 | 3.98750 | -1.10000 |
| 213 | 4.00000 | 3.98750 | -1.10000 |
| 214 | 8.00000 | 3.98750 | -1.10000 |
| 215 | 12.0000 | 3.98750 | -1.10000 |
| 216 | 16.0000 | 3.98750 | -1.10000 |
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| 218 | 24.0000 | 3.98750 | -1.10000 |
| 219 | 28.0000 | 3.98750 | -1.10000 |
| 220 | 32.0000 | 3.98750 | -1.10000 |
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| 226 | 56.5000 | 3.98750 | -1.10000 |
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| 230 | 73.0000 | 3.98750 | -1.10000 |
| 231 | 77.0000 | 3.98750 | -1.10000 |
| 232 | 81.0000 | 3.98750 | -1.10000 |
| 233 | 0.000000E+00 | 5.62500 | -1.10000 |
| 234 | 4.00000 | 5.62500 | -1.10000 |
| 235 | 8.00000 | 5.62500 | -1.10000 |
| 236 | 12.0000 | 5.62500 | -1.10000 |
| 237 | 16.0000 | 5.62500 | -1.10000 |
| 238 | 20.0000 | 5.62500 | -1.10000 |
| 239 | 24.0000 | 5.62500 | -1.10000 |
| 240 | 28.0000 | 5.62500 | -1.10000 |
| 241 | 32.0000 | 5.62500 | -1.10000 |
| 242 | 36.0000 | 5.62500 | -1.10000 |
| 243 | 40.0000 | 5.62500 | -1.10000 |
| 244 | 44.0000 | 5.62500 | -1.10000 |
| 245 | 48.0000 | 5.62500 | -1.10000 |
| 246 | 52.2500 | 5.62500 | -1.10000 |
| 247 | 56.5000 | 5.62500 | -1.10000 |
| 248 | 60.7500 | 5.62500 | -1.10000 |
| 249 | 65.0000 | 5.62500 | -1.10000 |
| 250 | 69.0000 | 5.62500 | -1.10000 |
| 251 | 73.0000 | 5.62500 | -1.10000 |
| 252 | 77.0000 | 5.62500 | -1.10000 |
| 253 | 81.0000 | 5.62500 | -1.10000 |
| 254 | 0.000000E+00 | 7.26250 | -1.10000 |
| 255 | 4.00000 | 7.26250 | -1.10000 |
| 256 | 8.00000 | 7.26250 | -1.10000 |
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| 259 | 20.0000 | 7.26250 | -1.10000 |

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|---|---|---|---|
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| 261 | 28.0000 | 7.26250 | -1.10000 |
| 262 | 32.0000 | 7.26250 | -1.10000 |
| 263 | 36.0000 | 7.26250 | -1.10000 |
| 264 | 40.0000 | 7.26250 | -1.10000 |
| 265 | 44.0000 | 7.26250 | -1.10000 |
| 266 | 48.0000 | 7.26250 | -1.10000 |
| 267 | 52.2500 | 7.26250 | -1.10000 |
| 268 | 56.5000 | 7.26250 | -1.10000 |
| 269 | 60.7500 | 7.26250 | -1.10000 |
| 270 | 65.0000 | 7.26250 | -1.10000 |
| 271 | 69.0000 | 7.26250 | -1.10000 |
| 272 | 73.0000 | 7.26250 | -1.10000 |
| 273 | 77.0000 | 7.26250 | -1.10000 |
| 274 | 81.0000 | 7.26250 | -1.10000 |
| 275 | 0.000000E+00 | 8.90000 | -1.10000 |
| 276 | 4.00000 | 8.90000 | -1.10000 |
| 277 | 8.00000 | 8.90000 | -1.10000 |
| 278 | 12.0000 | 8.90000 | -1.10000 |
| 279 | 16.0000 | 8.90000 | -1.10000 |
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| 281 | 24.0000 | 8.90000 | -1.10000 |
| 282 | 28.0000 | 8.90000 | -1.10000 |
| 283 | 32.0000 | 8.90000 | -1.10000 |
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| 288 | 52.2500 | 8.90000 | -1.10000 |
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| 294 | 77.0000 | 8.90000 | -1.10000 |
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| 296 | 4.00000 | 2.35000 | -0.902500 |
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| 302 | 28.0000 | 2.35000 | -0.902500 |
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| 305 | 44.0000 | 2.35000 | -0.902500 |
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| 307 | 52.2500 | 2.35000 | -0.902500 |
| 308 | 56.5000 | 2.35000 | -0.902500 |
| 309 | 60.7500 | 2.35000 | -0.902500 |
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| 311 | 69.0000 | 2.35000 | -0.902500 |
| 312 | 73.0000 | 2.35000 | -0.902500 |
| 313 | 77.0000 | 2.35000 | -0.902500 |
| 314 | 4.00000 | 8.90000 | -0.902500 |
| 315 | 8.00000 | 8.90000 | -0.902500 |
| 316 | 12.0000 | 8.90000 | -0.902500 |
| 317 | 16.0000 | 8.90000 | -0.902500 |
| 318 | 20.0000 | 8.90000 | -0.902500 |
| 319 | 24.0000 | 8.90000 | -0.902500 |
| 320 | 28.0000 | 8.90000 | -0.902500 |
| 321 | 32.0000 | 8.90000 | -0.902500 |
| 322 | 36.0000 | 8.90000 | -0.902500 |
| 323 | 44.0000 | 8.90000 | -0.902500 |
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| 325 | 52.2500 | 8.90000 | -0.902500 |
| 326 | 56.5000 | 8.90000 | -0.902500 |
| 327 | 60.7500 | 8.90000 | -0.902500 |
| 328 | 65.0000 | 8.90000 | -0.902500 |
| 329 | 69.0000 | 8.90000 | -0.902500 |
| 330 | 73.0000 | 8.90000 | -0.902500 |
| 331 | 77.0000 | 8.90000 | -0.902500 |
| 332 | 0.000000E+00 | 2.35000 | -0.775000 |

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|---|---|---|---|
| 333 | 40.0000 | 2.35000 | -0.775000 |
| 334 | 81.0000 | 2.35000 | -0.775000 |
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| 336 | 40.0000 | 8.90000 | -0.775000 |
| 337 | 81.0000 | 8.90000 | -0.775000 |
| 338 | 4.00000 | 2.35000 | -0.705000 |
| 339 | 8.00000 | 2.35000 | -0.705000 |
| 340 | 12.0000 | 2.35000 | -0.705000 |
| 341 | 16.0000 | 2.35000 | -0.705000 |
| 342 | 20.0000 | 2.35000 | -0.705000 |
| 343 | 24.0000 | 2.35000 | -0.705000 |
| 344 | 28.0000 | 2.35000 | -0.705000 |
| 345 | 32.0000 | 2.35000 | -0.705000 |
| 346 | 36.0000 | 2.35000 | -0.705000 |
| 347 | 44.0000 | 2.35000 | -0.705000 |
| 348 | 48.0000 | 2.35000 | -0.705000 |
| 349 | 52.2500 | 2.35000 | -0.705000 |
| 350 | 56.5000 | 2.35000 | -0.705000 |
| 351 | 60.7500 | 2.35000 | -0.705000 |
| 352 | 65.0000 | 2.35000 | -0.705000 |
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| 355 | 77.0000 | 2.35000 | -0.705000 |
| 356 | 4.00000 | 8.90000 | -0.705000 |
| 357 | 8.00000 | 8.90000 | -0.705000 |
| 358 | 12.0000 | 8.90000 | -0.705000 |
| 359 | 16.0000 | 8.90000 | -0.705000 |
| 360 | 20.0000 | 8.90000 | -0.705000 |
| 361 | 24.0000 | 8.90000 | -0.705000 |
| 362 | 28.0000 | 8.90000 | -0.705000 |
| 363 | 32.0000 | 8.90000 | -0.705000 |
| 364 | 36.0000 | 8.90000 | -0.705000 |
| 365 | 44.0000 | 8.90000 | -0.705000 |
| 366 | 48.0000 | 8.90000 | -0.705000 |
| 367 | 52.2500 | 8.90000 | -0.705000 |
| 368 | 56.5000 | 8.90000 | -0.705000 |
| 369 | 60.7500 | 8.90000 | -0.705000 |
| 370 | 65.0000 | 8.90000 | -0.705000 |
| 371 | 69.0000 | 8.90000 | -0.705000 |
| 372 | 73.0000 | 8.90000 | -0.705000 |
| 373 | 77.0000 | 8.90000 | -0.705000 |
| 374 | 0.000000E+00 | 2.35000 | -0.450000 |
| 375 | 40.0000 | 2.35000 | -0.450000 |
| 376 | 81.0000 | 2.35000 | -0.450000 |
| 377 | 0.000000E+00 | 8.90000 | -0.450000 |
| 378 | 40.0000 | 8.90000 | -0.450000 |
| 379 | 81.0000 | 8.90000 | -0.450000 |
| 380 | 4.00000 | 2.35000 | -0.352500 |
| 381 | 8.00000 | 2.35000 | -0.352500 |
| 382 | 12.0000 | 2.35000 | -0.352500 |
| 383 | 16.0000 | 2.35000 | -0.352500 |
| 384 | 20.0000 | 2.35000 | -0.352500 |
| 385 | 24.0000 | 2.35000 | -0.352500 |
| 386 | 28.0000 | 2.35000 | -0.352500 |
| 387 | 32.0000 | 2.35000 | -0.352500 |
| 388 | 36.0000 | 2.35000 | -0.352500 |
| 389 | 44.0000 | 2.35000 | -0.352500 |
| 390 | 48.0000 | 2.35000 | -0.352500 |
| 391 | 52.2500 | 2.35000 | -0.352500 |
| 392 | 56.5000 | 2.35000 | -0.352500 |
| 393 | 60.7500 | 2.35000 | -0.352500 |
| 394 | 65.0000 | 2.35000 | -0.352500 |
| 395 | 69.0000 | 2.35000 | -0.352500 |
| 396 | 73.0000 | 2.35000 | -0.352500 |
| 397 | 77.0000 | 2.35000 | -0.352500 |
| 398 | 4.00000 | 8.90000 | -0.352500 |
| 399 | 8.00000 | 8.90000 | -0.352500 |
| 400 | 12.0000 | 8.90000 | -0.352500 |
| 401 | 16.0000 | 8.90000 | -0.352500 |
| 402 | 20.0000 | 8.90000 | -0.352500 |
| 403 | 24.0000 | 8.90000 | -0.352500 |
| 404 | 28.0000 | 8.90000 | -0.352500 |
| 405 | 32.0000 | 8.90000 | -0.352500 |

| | | | |
|---|---|---|---|
| 406 | 36.0000 | 8.90000 | -0.352500 |
| 407 | 44.0000 | 8.90000 | -0.352500 |
| 408 | 48.0000 | 8.90000 | -0.352500 |
| 409 | 52.2500 | 8.90000 | -0.352500 |
| 410 | 56.5000 | 8.90000 | -0.352500 |
| 411 | 60.7500 | 8.90000 | -0.352500 |
| 412 | 65.0000 | 8.90000 | -0.352500 |
| 413 | 69.0000 | 8.90000 | -0.352500 |
| 414 | 73.0000 | 8.90000 | -0.352500 |
| 415 | 77.0000 | 8.90000 | -0.352500 |
| 416 | 0.000000E+00 | 2.35000 | -0.225000 |
| 417 | 40.0000 | 2.35000 | -0.225000 |
| 418 | 81.0000 | 2.35000 | -0.225000 |
| 419 | 0.000000E+00 | 8.90000 | -0.225000 |
| 420 | 40.0000 | 8.90000 | -0.225000 |
| 421 | 81.0000 | 8.90000 | -0.225000 |
| 422 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 423 | 1.33333 | 0.000000E+00 | 0.000000E+00 |
| 424 | 2.66667 | 0.000000E+00 | 0.000000E+00 |
| 425 | 4.00000 | 0.000000E+00 | 0.000000E+00 |
| 426 | 5.33333 | 0.000000E+00 | 0.000000E+00 |
| 427 | 6.66667 | 0.000000E+00 | 0.000000E+00 |
| 428 | 8.00000 | 0.000000E+00 | 0.000000E+00 |
| 429 | 10.0000 | 0.000000E+00 | 0.000000E+00 |
| 430 | 12.0000 | 0.000000E+00 | 0.000000E+00 |
| 431 | 13.3333 | 0.000000E+00 | 0.000000E+00 |
| 432 | 14.6667 | 0.000000E+00 | 0.000000E+00 |
| 433 | 16.0000 | 0.000000E+00 | 0.000000E+00 |
| 434 | 17.3333 | 0.000000E+00 | 0.000000E+00 |
| 435 | 18.6667 | 0.000000E+00 | 0.000000E+00 |
| 436 | 20.0000 | 0.000000E+00 | 0.000000E+00 |
| 437 | 22.0000 | 0.000000E+00 | 0.000000E+00 |
| 438 | 24.0000 | 0.000000E+00 | 0.000000E+00 |
| 439 | 25.3333 | 0.000000E+00 | 0.000000E+00 |
| 440 | 26.6667 | 0.000000E+00 | 0.000000E+00 |
| 441 | 28.0000 | 0.000000E+00 | 0.000000E+00 |
| 442 | 29.3333 | 0.000000E+00 | 0.000000E+00 |
| 443 | 30.6667 | 0.000000E+00 | 0.000000E+00 |
| 444 | 32.0000 | 0.000000E+00 | 0.000000E+00 |
| 445 | 34.0000 | 0.000000E+00 | 0.000000E+00 |
| 446 | 36.0000 | 0.000000E+00 | 0.000000E+00 |
| 447 | 37.3333 | 0.000000E+00 | 0.000000E+00 |
| 448 | 38.6667 | 0.000000E+00 | 0.000000E+00 |
| 449 | 40.0000 | 0.000000E+00 | 0.000000E+00 |
| 450 | 41.3333 | 0.000000E+00 | 0.000000E+00 |
| 451 | 42.6667 | 0.000000E+00 | 0.000000E+00 |
| 452 | 44.0000 | 0.000000E+00 | 0.000000E+00 |
| 453 | 46.0000 | 0.000000E+00 | 0.000000E+00 |
| 454 | 48.0000 | 0.000000E+00 | 0.000000E+00 |
| 455 | 49.4167 | 0.000000E+00 | 0.000000E+00 |
| 456 | 50.8333 | 0.000000E+00 | 0.000000E+00 |
| 457 | 52.2500 | 0.000000E+00 | 0.000000E+00 |
| 458 | 53.6667 | 0.000000E+00 | 0.000000E+00 |
| 459 | 55.0833 | 0.000000E+00 | 0.000000E+00 |
| 460 | 56.5000 | 0.000000E+00 | 0.000000E+00 |
| 461 | 58.0000 | 0.000000E+00 | 0.000000E+00 |
| 462 | 59.3750 | 0.000000E+00 | 0.000000E+00 |
| 463 | 60.7500 | 0.000000E+00 | 0.000000E+00 |
| 464 | 62.1667 | 0.000000E+00 | 0.000000E+00 |
| 465 | 63.5833 | 0.000000E+00 | 0.000000E+00 |
| 466 | 65.0000 | 0.000000E+00 | 0.000000E+00 |
| 467 | 66.3333 | 0.000000E+00 | 0.000000E+00 |
| 468 | 67.6667 | 0.000000E+00 | 0.000000E+00 |
| 469 | 69.0000 | 0.000000E+00 | 0.000000E+00 |
| 470 | 70.0000 | 0.000000E+00 | 0.000000E+00 |
| 471 | 71.5000 | 0.000000E+00 | 0.000000E+00 |
| 472 | 73.0000 | 0.000000E+00 | 0.000000E+00 |
| 473 | 74.3333 | 0.000000E+00 | 0.000000E+00 |
| 474 | 75.6667 | 0.000000E+00 | 0.000000E+00 |
| 475 | 77.0000 | 0.000000E+00 | 0.000000E+00 |
| 476 | 78.3333 | 0.000000E+00 | 0.000000E+00 |
| 477 | 79.6667 | 0.000000E+00 | 0.000000E+00 |
| 478 | 81.0000 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 479 | 0.000000E+00 | 0.750000 | 0.000000E+00 |
| 480 | 1.33333 | 0.750000 | 0.000000E+00 |
| 481 | 2.66667 | 0.750000 | 0.000000E+00 |
| 482 | 4.00000 | 0.750000 | 0.000000E+00 |
| 483 | 5.33333 | 0.750000 | 0.000000E+00 |
| 484 | 6.66667 | 0.750000 | 0.000000E+00 |
| 485 | 8.00000 | 0.750000 | 0.000000E+00 |
| 486 | 10.0000 | 0.750000 | 0.000000E+00 |
| 487 | 12.0000 | 0.750000 | 0.000000E+00 |
| 488 | 13.3333 | 0.750000 | 0.000000E+00 |
| 489 | 14.6667 | 0.750000 | 0.000000E+00 |
| 490 | 16.0000 | 0.750000 | 0.000000E+00 |
| 491 | 17.3333 | 0.750000 | 0.000000E+00 |
| 492 | 18.6667 | 0.750000 | 0.000000E+00 |
| 493 | 20.0000 | 0.750000 | 0.000000E+00 |
| 494 | 22.0000 | 0.750000 | 0.000000E+00 |
| 495 | 24.0000 | 0.750000 | 0.000000E+00 |
| 496 | 25.3333 | 0.750000 | 0.000000E+00 |
| 497 | 26.6667 | 0.750000 | 0.000000E+00 |
| 498 | 28.0000 | 0.750000 | 0.000000E+00 |
| 499 | 29.3333 | 0.750000 | 0.000000E+00 |
| 500 | 30.6667 | 0.750000 | 0.000000E+00 |
| 501 | 32.0000 | 0.750000 | 0.000000E+00 |
| 502 | 34.0000 | 0.750000 | 0.000000E+00 |
| 503 | 36.0000 | 0.750000 | 0.000000E+00 |
| 504 | 37.3333 | 0.750000 | 0.000000E+00 |
| 505 | 38.6667 | 0.750000 | 0.000000E+00 |
| 506 | 40.0000 | 0.750000 | 0.000000E+00 |
| 507 | 41.3333 | 0.750000 | 0.000000E+00 |
| 508 | 42.6667 | 0.750000 | 0.000000E+00 |
| 509 | 44.0000 | 0.750000 | 0.000000E+00 |
| 510 | 46.0000 | 0.750000 | 0.000000E+00 |
| 511 | 48.0000 | 0.750000 | 0.000000E+00 |
| 512 | 49.4167 | 0.750000 | 0.000000E+00 |
| 513 | 50.8333 | 0.750000 | 0.000000E+00 |
| 514 | 52.2500 | 0.750000 | 0.000000E+00 |
| 515 | 53.6667 | 0.750000 | 0.000000E+00 |
| 516 | 55.0833 | 0.750000 | 0.000000E+00 |
| 517 | 56.5000 | 0.750000 | 0.000000E+00 |
| 518 | 58.0000 | 0.750000 | 0.000000E+00 |
| 519 | 59.3750 | 0.750000 | 0.000000E+00 |
| 520 | 60.7500 | 0.750000 | 0.000000E+00 |
| 521 | 62.1667 | 0.750000 | 0.000000E+00 |
| 522 | 63.5833 | 0.750000 | 0.000000E+00 |
| 523 | 65.0000 | 0.750000 | 0.000000E+00 |
| 524 | 66.3333 | 0.750000 | 0.000000E+00 |
| 525 | 67.6667 | 0.750000 | 0.000000E+00 |
| 526 | 69.0000 | 0.750000 | 0.000000E+00 |
| 527 | 70.0000 | 0.750000 | 0.000000E+00 |
| 528 | 71.5000 | 0.750000 | 0.000000E+00 |
| 529 | 73.0000 | 0.750000 | 0.000000E+00 |
| 530 | 74.3333 | 0.750000 | 0.000000E+00 |
| 531 | 75.6667 | 0.750000 | 0.000000E+00 |
| 532 | 77.0000 | 0.750000 | 0.000000E+00 |
| 533 | 78.3333 | 0.750000 | 0.000000E+00 |
| 534 | 79.6667 | 0.750000 | 0.000000E+00 |
| 535 | 81.0000 | 0.750000 | 0.000000E+00 |
| 536 | 0.000000E+00 | 2.35000 | 0.000000E+00 |
| 537 | 1.33333 | 2.35000 | 0.000000E+00 |
| 538 | 2.66667 | 2.35000 | 0.000000E+00 |
| 539 | 4.00000 | 2.35000 | 0.000000E+00 |
| 540 | 5.33333 | 2.35000 | 0.000000E+00 |
| 541 | 6.66667 | 2.35000 | 0.000000E+00 |
| 542 | 8.00000 | 2.35000 | 0.000000E+00 |
| 543 | 10.0000 | 2.35000 | 0.000000E+00 |
| 544 | 12.0000 | 2.35000 | 0.000000E+00 |
| 545 | 13.3333 | 2.35000 | 0.000000E+00 |
| 546 | 14.6667 | 2.35000 | 0.000000E+00 |
| 547 | 16.0000 | 2.35000 | 0.000000E+00 |
| 548 | 17.3333 | 2.35000 | 0.000000E+00 |
| 549 | 18.6667 | 2.35000 | 0.000000E+00 |
| 550 | 20.0000 | 2.35000 | 0.000000E+00 |
| 551 | 22.0000 | 2.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 552 | 24.0000 | 2.35000 | 0.000000E+00 |
| 553 | 25.3333 | 2.35000 | 0.000000E+00 |
| 554 | 26.6667 | 2.35000 | 0.000000E+00 |
| 555 | 28.0000 | 2.35000 | 0.000000E+00 |
| 556 | 29.3333 | 2.35000 | 0.000000E+00 |
| 557 | 30.6667 | 2.35000 | 0.000000E+00 |
| 558 | 32.0000 | 2.35000 | 0.000000E+00 |
| 559 | 34.0000 | 2.35000 | 0.000000E+00 |
| 560 | 36.0000 | 2.35000 | 0.000000E+00 |
| 561 | 37.3333 | 2.35000 | 0.000000E+00 |
| 562 | 38.6667 | 2.35000 | 0.000000E+00 |
| 563 | 40.0000 | 2.35000 | 0.000000E+00 |
| 564 | 41.3333 | 2.35000 | 0.000000E+00 |
| 565 | 42.6667 | 2.35000 | 0.000000E+00 |
| 566 | 44.0000 | 2.35000 | 0.000000E+00 |
| 567 | 46.0000 | 2.35000 | 0.000000E+00 |
| 568 | 48.0000 | 2.35000 | 0.000000E+00 |
| 569 | 49.4167 | 2.35000 | 0.000000E+00 |
| 570 | 50.8333 | 2.35000 | 0.000000E+00 |
| 571 | 52.2500 | 2.35000 | 0.000000E+00 |
| 572 | 53.6667 | 2.35000 | 0.000000E+00 |
| 573 | 55.0833 | 2.35000 | 0.000000E+00 |
| 574 | 56.5000 | 2.35000 | 0.000000E+00 |
| 575 | 58.0000 | 2.35000 | 0.000000E+00 |
| 576 | 59.3750 | 2.35000 | 0.000000E+00 |
| 577 | 60.7500 | 2.35000 | 0.000000E+00 |
| 578 | 62.1667 | 2.35000 | 0.000000E+00 |
| 579 | 63.5833 | 2.35000 | 0.000000E+00 |
| 580 | 65.0000 | 2.35000 | 0.000000E+00 |
| 581 | 66.3333 | 2.35000 | 0.000000E+00 |
| 582 | 67.6667 | 2.35000 | 0.000000E+00 |
| 583 | 69.0000 | 2.35000 | 0.000000E+00 |
| 584 | 70.0000 | 2.35000 | 0.000000E+00 |
| 585 | 71.5000 | 2.35000 | 0.000000E+00 |
| 586 | 73.0000 | 2.35000 | 0.000000E+00 |
| 587 | 74.3333 | 2.35000 | 0.000000E+00 |
| 588 | 75.6667 | 2.35000 | 0.000000E+00 |
| 589 | 77.0000 | 2.35000 | 0.000000E+00 |
| 590 | 78.3333 | 2.35000 | 0.000000E+00 |
| 591 | 79.6667 | 2.35000 | 0.000000E+00 |
| 592 | 81.0000 | 2.35000 | 0.000000E+00 |
| 593 | 0.000000E+00 | 3.98750 | 0.000000E+00 |
| 594 | 1.33333 | 3.98750 | 0.000000E+00 |
| 595 | 2.66667 | 3.98750 | 0.000000E+00 |
| 596 | 4.00000 | 3.98750 | -0.111022E-15 |
| 597 | 5.33333 | 3.98750 | 0.000000E+00 |
| 598 | 6.66667 | 3.98750 | 0.000000E+00 |
| 599 | 8.00000 | 3.98750 | 0.000000E+00 |
| 600 | 10.0000 | 3.98750 | 0.000000E+00 |
| 601 | 12.0000 | 3.98750 | 0.000000E+00 |
| 602 | 13.3333 | 3.98750 | 0.000000E+00 |
| 603 | 14.6667 | 3.98750 | 0.000000E+00 |
| 604 | 16.0000 | 3.98750 | 0.000000E+00 |
| 605 | 17.3333 | 3.98750 | -0.357931E-15 |
| 606 | 18.6667 | 3.98750 | -0.930621E-15 |
| 607 | 20.0000 | 3.98750 | -0.644276E-14 |
| 608 | 22.0000 | 3.98750 | 0.000000E+00 |
| 609 | 24.0000 | 3.98750 | 0.000000E+00 |
| 610 | 25.3333 | 3.98750 | 0.000000E+00 |
| 611 | 26.6667 | 3.98750 | 0.000000E+00 |
| 612 | 28.0000 | 3.98750 | 0.277556E-16 |
| 613 | 29.3333 | 3.98750 | 0.000000E+00 |
| 614 | 30.6667 | 3.98750 | 0.000000E+00 |
| 615 | 32.0000 | 3.98750 | 0.000000E+00 |
| 616 | 34.0000 | 3.98750 | 0.000000E+00 |
| 617 | 36.0000 | 3.98750 | 0.000000E+00 |
| 618 | 37.3333 | 3.98750 | 0.000000E+00 |
| 619 | 38.6667 | 3.98750 | 0.000000E+00 |
| 620 | 40.0000 | 3.98750 | 0.000000E+00 |
| 621 | 41.3333 | 3.98750 | 0.000000E+00 |
| 622 | 42.6667 | 3.98750 | 0.000000E+00 |
| 623 | 44.0000 | 3.98750 | 0.000000E+00 |
| 624 | 46.0000 | 3.98750 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 625 | 48.0000 | 3.98750 | 0.000000E+00 |
| 626 | 49.4167 | 3.98750 | 0.000000E+00 |
| 627 | 50.8333 | 3.98750 | 0.000000E+00 |
| 628 | 52.2500 | 3.98750 | -0.154043E-13 |
| 629 | 53.6667 | 3.98750 | 0.000000E+00 |
| 630 | 55.0833 | 3.98750 | 0.000000E+00 |
| 631 | 56.5000 | 3.98750 | -0.147105E-14 |
| 632 | 58.0000 | 3.98750 | 0.000000E+00 |
| 633 | 59.3750 | 3.98750 | 0.000000E+00 |
| 634 | 60.7500 | 3.98750 | 0.000000E+00 |
| 635 | 62.1667 | 3.98750 | 0.000000E+00 |
| 636 | 63.5833 | 3.98750 | 0.000000E+00 |
| 637 | 65.0000 | 3.98750 | 0.000000E+00 |
| 638 | 66.3333 | 3.98750 | 0.000000E+00 |
| 639 | 67.6667 | 3.98750 | 0.000000E+00 |
| 640 | 69.0000 | 3.98750 | 0.334455E-14 |
| 641 | 70.0000 | 3.98750 | 0.000000E+00 |
| 642 | 71.5000 | 3.98750 | 0.000000E+00 |
| 643 | 73.0000 | 3.98750 | 0.000000E+00 |
| 644 | 74.3333 | 3.98750 | 0.000000E+00 |
| 645 | 75.6667 | 3.98750 | 0.000000E+00 |
| 646 | 77.0000 | 3.98750 | 0.277556E-16 |
| 647 | 78.3333 | 3.98750 | 0.000000E+00 |
| 648 | 79.6667 | 3.98750 | 0.000000E+00 |
| 649 | 81.0000 | 3.98750 | 0.000000E+00 |
| 650 | 0.000000E+00 | 5.62500 | 0.000000E+00 |
| 651 | 1.33333 | 5.62500 | 0.000000E+00 |
| 652 | 2.66667 | 5.62500 | 0.000000E+00 |
| 653 | 4.00000 | 5.62500 | 0.000000E+00 |
| 654 | 5.33333 | 5.62500 | 0.000000E+00 |
| 655 | 6.66667 | 5.62500 | 0.000000E+00 |
| 656 | 8.00000 | 5.62500 | 0.000000E+00 |
| 657 | 10.0000 | 5.62500 | 0.000000E+00 |
| 658 | 12.0000 | 5.62500 | 0.000000E+00 |
| 659 | 13.3333 | 5.62500 | 0.000000E+00 |
| 660 | 14.6667 | 5.62500 | 0.000000E+00 |
| 661 | 16.0000 | 5.62500 | 0.000000E+00 |
| 662 | 17.3333 | 5.62500 | 0.000000E+00 |
| 663 | 18.6667 | 5.62500 | 0.000000E+00 |
| 664 | 20.0000 | 5.62500 | 0.000000E+00 |
| 665 | 22.0000 | 5.62500 | 0.000000E+00 |
| 666 | 24.0000 | 5.62500 | 0.000000E+00 |
| 667 | 25.3333 | 5.62500 | 0.000000E+00 |
| 668 | 26.6667 | 5.62500 | 0.000000E+00 |
| 669 | 28.0000 | 5.62500 | 0.000000E+00 |
| 670 | 29.3333 | 5.62500 | 0.000000E+00 |
| 671 | 30.6667 | 5.62500 | 0.000000E+00 |
| 672 | 32.0000 | 5.62500 | 0.000000E+00 |
| 673 | 34.0000 | 5.62500 | 0.000000E+00 |
| 674 | 36.0000 | 5.62500 | 0.000000E+00 |
| 675 | 37.3333 | 5.62500 | 0.000000E+00 |
| 676 | 38.6667 | 5.62500 | 0.000000E+00 |
| 677 | 40.0000 | 5.62500 | 0.000000E+00 |
| 678 | 41.3333 | 5.62500 | 0.000000E+00 |
| 679 | 42.6667 | 5.62500 | 0.000000E+00 |
| 680 | 44.0000 | 5.62500 | 0.000000E+00 |
| 681 | 46.0000 | 5.62500 | 0.000000E+00 |
| 682 | 48.0000 | 5.62500 | 0.000000E+00 |
| 683 | 49.4167 | 5.62500 | 0.000000E+00 |
| 684 | 50.8333 | 5.62500 | 0.000000E+00 |
| 685 | 52.2500 | 5.62500 | 0.000000E+00 |
| 686 | 53.6667 | 5.62500 | 0.000000E+00 |
| 687 | 55.0833 | 5.62500 | 0.000000E+00 |
| 688 | 56.5000 | 5.62500 | 0.000000E+00 |
| 689 | 58.0000 | 5.62500 | 0.000000E+00 |
| 690 | 59.3750 | 5.62500 | 0.000000E+00 |
| 691 | 60.7500 | 5.62500 | 0.000000E+00 |
| 692 | 62.1667 | 5.62500 | 0.000000E+00 |
| 693 | 63.5833 | 5.62500 | 0.000000E+00 |
| 694 | 65.0000 | 5.62500 | 0.000000E+00 |
| 695 | 66.3333 | 5.62500 | 0.000000E+00 |
| 696 | 67.6667 | 5.62500 | 0.000000E+00 |
| 697 | 69.0000 | 5.62500 | 0.000000E+00 |

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|---|---|---|---|
| 698 | 70.0000 | 5.62500 | 0.000000E+00 |
| 699 | 71.5000 | 5.62500 | 0.000000E+00 |
| 700 | 73.0000 | 5.62500 | 0.000000E+00 |
| 701 | 74.3333 | 5.62500 | 0.000000E+00 |
| 702 | 75.6667 | 5.62500 | 0.000000E+00 |
| 703 | 77.0000 | 5.62500 | 0.000000E+00 |
| 704 | 78.3333 | 5.62500 | 0.000000E+00 |
| 705 | 79.6667 | 5.62500 | 0.000000E+00 |
| 706 | 81.0000 | 5.62500 | 0.000000E+00 |
| 707 | 0.000000E+00 | 7.26250 | 0.000000E+00 |
| 708 | 1.33333 | 7.26250 | 0.000000E+00 |
| 709 | 2.66667 | 7.26250 | 0.000000E+00 |
| 710 | 4.00000 | 7.26250 | -0.971445E-16 |
| 711 | 5.33333 | 7.26250 | 0.000000E+00 |
| 712 | 6.66667 | 7.26250 | 0.000000E+00 |
| 713 | 8.00000 | 7.26250 | 0.000000E+00 |
| 714 | 10.0000 | 7.26250 | 0.000000E+00 |
| 715 | 12.0000 | 7.26250 | 0.000000E+00 |
| 716 | 13.3333 | 7.26250 | 0.000000E+00 |
| 717 | 14.6667 | 7.26250 | 0.000000E+00 |
| 718 | 16.0000 | 7.26250 | 0.000000E+00 |
| 719 | 17.3333 | 7.26250 | 0.000000E+00 |
| 720 | 18.6667 | 7.26250 | 0.000000E+00 |
| 721 | 20.0000 | 7.26250 | 0.000000E+00 |
| 722 | 22.0000 | 7.26250 | 0.000000E+00 |
| 723 | 24.0000 | 7.26250 | 0.000000E+00 |
| 724 | 25.3333 | 7.26250 | 0.000000E+00 |
| 725 | 26.6667 | 7.26250 | 0.000000E+00 |
| 726 | 28.0000 | 7.26250 | 0.000000E+00 |
| 727 | 29.3333 | 7.26250 | 0.000000E+00 |
| 728 | 30.6667 | 7.26250 | 0.000000E+00 |
| 729 | 32.0000 | 7.26250 | 0.000000E+00 |
| 730 | 34.0000 | 7.26250 | 0.000000E+00 |
| 731 | 36.0000 | 7.26250 | 0.000000E+00 |
| 732 | 37.3333 | 7.26250 | 0.000000E+00 |
| 733 | 38.6667 | 7.26250 | 0.000000E+00 |
| 734 | 40.0000 | 7.26250 | 0.000000E+00 |
| 735 | 41.3333 | 7.26250 | 0.000000E+00 |
| 736 | 42.6667 | 7.26250 | 0.000000E+00 |
| 737 | 44.0000 | 7.26250 | 0.000000E+00 |
| 738 | 46.0000 | 7.26250 | 0.000000E+00 |
| 739 | 48.0000 | 7.26250 | 0.000000E+00 |
| 740 | 49.4167 | 7.26250 | 0.000000E+00 |
| 741 | 50.8333 | 7.26250 | 0.000000E+00 |
| 742 | 52.2500 | 7.26250 | 0.000000E+00 |
| 743 | 53.6667 | 7.26250 | 0.000000E+00 |
| 744 | 55.0833 | 7.26250 | 0.000000E+00 |
| 745 | 56.5000 | 7.26250 | 0.288658E-14 |
| 746 | 58.0000 | 7.26250 | 0.000000E+00 |
| 747 | 59.3750 | 7.26250 | 0.000000E+00 |
| 748 | 60.7500 | 7.26250 | 0.000000E+00 |
| 749 | 62.1667 | 7.26250 | 0.000000E+00 |
| 750 | 63.5833 | 7.26250 | 0.000000E+00 |
| 751 | 65.0000 | 7.26250 | 0.000000E+00 |
| 752 | 66.3333 | 7.26250 | 0.000000E+00 |
| 753 | 67.6667 | 7.26250 | 0.000000E+00 |
| 754 | 69.0000 | 7.26250 | 0.399680E-14 |
| 755 | 70.0000 | 7.26250 | 0.000000E+00 |
| 756 | 71.5000 | 7.26250 | 0.000000E+00 |
| 757 | 73.0000 | 7.26250 | 0.000000E+00 |
| 758 | 74.3333 | 7.26250 | 0.000000E+00 |
| 759 | 75.6667 | 7.26250 | 0.000000E+00 |
| 760 | 77.0000 | 7.26250 | 0.000000E+00 |
| 761 | 78.3333 | 7.26250 | 0.000000E+00 |
| 762 | 79.6667 | 7.26250 | 0.000000E+00 |
| 763 | 81.0000 | 7.26250 | 0.000000E+00 |
| 764 | 0.000000E+00 | 8.90000 | 0.000000E+00 |
| 765 | 1.33333 | 8.90000 | 0.000000E+00 |
| 766 | 2.66667 | 8.90000 | 0.000000E+00 |
| 767 | 4.00000 | 8.90000 | 0.000000E+00 |
| 768 | 5.33333 | 8.90000 | 0.000000E+00 |
| 769 | 6.66667 | 8.90000 | 0.000000E+00 |
| 770 | 8.00000 | 8.90000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 771 | 10.0000 | 8.90000 | 0.000000E+00 |
| 772 | 12.0000 | 8.90000 | 0.000000E+00 |
| 773 | 13.3333 | 8.90000 | 0.000000E+00 |
| 774 | 14.6667 | 8.90000 | 0.000000E+00 |
| 775 | 16.0000 | 8.90000 | 0.000000E+00 |
| 776 | 17.3333 | 8.90000 | 0.000000E+00 |
| 777 | 18.6667 | 8.90000 | 0.000000E+00 |
| 778 | 20.0000 | 8.90000 | 0.000000E+00 |
| 779 | 22.0000 | 8.90000 | 0.000000E+00 |
| 780 | 24.0000 | 8.90000 | 0.000000E+00 |
| 781 | 25.3333 | 8.90000 | 0.000000E+00 |
| 782 | 26.6667 | 8.90000 | 0.000000E+00 |
| 783 | 28.0000 | 8.90000 | 0.000000E+00 |
| 784 | 29.3333 | 8.90000 | 0.000000E+00 |
| 785 | 30.6667 | 8.90000 | 0.000000E+00 |
| 786 | 32.0000 | 8.90000 | 0.000000E+00 |
| 787 | 34.0000 | 8.90000 | 0.000000E+00 |
| 788 | 36.0000 | 8.90000 | 0.000000E+00 |
| 789 | 37.3333 | 8.90000 | 0.000000E+00 |
| 790 | 38.6667 | 8.90000 | 0.000000E+00 |
| 791 | 40.0000 | 8.90000 | 0.000000E+00 |
| 792 | 41.3333 | 8.90000 | 0.000000E+00 |
| 793 | 42.6667 | 8.90000 | 0.000000E+00 |
| 794 | 44.0000 | 8.90000 | 0.000000E+00 |
| 795 | 46.0000 | 8.90000 | 0.000000E+00 |
| 796 | 48.0000 | 8.90000 | 0.000000E+00 |
| 797 | 49.4167 | 8.90000 | 0.000000E+00 |
| 798 | 50.8333 | 8.90000 | 0.000000E+00 |
| 799 | 52.2500 | 8.90000 | 0.000000E+00 |
| 800 | 53.6667 | 8.90000 | 0.000000E+00 |
| 801 | 55.0833 | 8.90000 | 0.000000E+00 |
| 802 | 56.5000 | 8.90000 | 0.000000E+00 |
| 803 | 58.0000 | 8.90000 | 0.000000E+00 |
| 804 | 59.3750 | 8.90000 | 0.000000E+00 |
| 805 | 60.7500 | 8.90000 | 0.000000E+00 |
| 806 | 62.1667 | 8.90000 | 0.000000E+00 |
| 807 | 63.5833 | 8.90000 | 0.000000E+00 |
| 808 | 65.0000 | 8.90000 | 0.000000E+00 |
| 809 | 66.3333 | 8.90000 | 0.000000E+00 |
| 810 | 67.6667 | 8.90000 | 0.000000E+00 |
| 811 | 69.0000 | 8.90000 | 0.000000E+00 |
| 812 | 70.0000 | 8.90000 | 0.000000E+00 |
| 813 | 71.5000 | 8.90000 | 0.000000E+00 |
| 814 | 73.0000 | 8.90000 | 0.000000E+00 |
| 815 | 74.3333 | 8.90000 | 0.000000E+00 |
| 816 | 75.6667 | 8.90000 | 0.000000E+00 |
| 817 | 77.0000 | 8.90000 | 0.000000E+00 |
| 818 | 78.3333 | 8.90000 | 0.000000E+00 |
| 819 | 79.6667 | 8.90000 | 0.000000E+00 |
| 820 | 81.0000 | 8.90000 | 0.000000E+00 |
| 821 | 0.000000E+00 | 10.5000 | 0.000000E+00 |
| 822 | 1.33333 | 10.5000 | 0.000000E+00 |
| 823 | 2.66667 | 10.5000 | 0.000000E+00 |
| 824 | 4.00000 | 10.5000 | 0.000000E+00 |
| 825 | 5.33333 | 10.5000 | 0.000000E+00 |
| 826 | 6.66667 | 10.5000 | 0.000000E+00 |
| 827 | 8.00000 | 10.5000 | 0.000000E+00 |
| 828 | 10.0000 | 10.5000 | 0.000000E+00 |
| 829 | 12.0000 | 10.5000 | 0.000000E+00 |
| 830 | 13.3333 | 10.5000 | 0.000000E+00 |
| 831 | 14.6667 | 10.5000 | 0.000000E+00 |
| 832 | 16.0000 | 10.5000 | 0.000000E+00 |
| 833 | 17.3333 | 10.5000 | 0.000000E+00 |
| 834 | 18.6667 | 10.5000 | 0.000000E+00 |
| 835 | 20.0000 | 10.5000 | 0.000000E+00 |
| 836 | 22.0000 | 10.5000 | 0.000000E+00 |
| 837 | 24.0000 | 10.5000 | 0.000000E+00 |
| 838 | 25.3333 | 10.5000 | 0.000000E+00 |
| 839 | 26.6667 | 10.5000 | 0.000000E+00 |
| 840 | 28.0000 | 10.5000 | 0.000000E+00 |
| 841 | 29.3333 | 10.5000 | 0.000000E+00 |
| 842 | 30.6667 | 10.5000 | 0.000000E+00 |
| 843 | 32.0000 | 10.5000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 844 | 34.0000 | 10.5000 | 0.000000E+00 |
| 845 | 36.0000 | 10.5000 | 0.000000E+00 |
| 846 | 37.3333 | 10.5000 | 0.000000E+00 |
| 847 | 38.6667 | 10.5000 | 0.000000E+00 |
| 848 | 40.0000 | 10.5000 | 0.000000E+00 |
| 849 | 41.3333 | 10.5000 | 0.000000E+00 |
| 850 | 42.6667 | 10.5000 | 0.000000E+00 |
| 851 | 44.0000 | 10.5000 | 0.000000E+00 |
| 852 | 46.0000 | 10.5000 | 0.000000E+00 |
| 853 | 48.0000 | 10.5000 | 0.000000E+00 |
| 854 | 49.4167 | 10.5000 | 0.000000E+00 |
| 855 | 50.8333 | 10.5000 | 0.000000E+00 |
| 856 | 52.2500 | 10.5000 | 0.000000E+00 |
| 857 | 53.6667 | 10.5000 | 0.000000E+00 |
| 858 | 55.0833 | 10.5000 | 0.000000E+00 |
| 859 | 56.5000 | 10.5000 | 0.000000E+00 |
| 860 | 58.0000 | 10.5000 | 0.000000E+00 |
| 861 | 59.3750 | 10.5000 | 0.000000E+00 |
| 862 | 60.7500 | 10.5000 | 0.000000E+00 |
| 863 | 62.1667 | 10.5000 | 0.000000E+00 |
| 864 | 63.5833 | 10.5000 | 0.000000E+00 |
| 865 | 65.0000 | 10.5000 | 0.000000E+00 |
| 866 | 66.3333 | 10.5000 | 0.000000E+00 |
| 867 | 67.6667 | 10.5000 | 0.000000E+00 |
| 868 | 69.0000 | 10.5000 | 0.000000E+00 |
| 869 | 70.0000 | 10.5000 | 0.000000E+00 |
| 870 | 71.5000 | 10.5000 | 0.000000E+00 |
| 871 | 73.0000 | 10.5000 | 0.000000E+00 |
| 872 | 74.3333 | 10.5000 | 0.000000E+00 |
| 873 | 75.6667 | 10.5000 | 0.000000E+00 |
| 874 | 77.0000 | 10.5000 | 0.000000E+00 |
| 875 | 78.3333 | 10.5000 | 0.000000E+00 |
| 876 | 79.6667 | 10.5000 | 0.000000E+00 |
| 877 | 81.0000 | 10.5000 | 0.000000E+00 |
| 878 | 0.000000E+00 | 11.2500 | 0.000000E+00 |
| 879 | 1.33333 | 11.2500 | 0.000000E+00 |
| 880 | 2.66667 | 11.2500 | 0.000000E+00 |
| 881 | 4.00000 | 11.2500 | 0.000000E+00 |
| 882 | 5.33333 | 11.2500 | 0.000000E+00 |
| 883 | 6.66667 | 11.2500 | 0.000000E+00 |
| 884 | 8.00000 | 11.2500 | 0.000000E+00 |
| 885 | 10.0000 | 11.2500 | 0.000000E+00 |
| 886 | 12.0000 | 11.2500 | 0.000000E+00 |
| 887 | 13.3333 | 11.2500 | 0.000000E+00 |
| 888 | 14.6667 | 11.2500 | 0.000000E+00 |
| 889 | 16.0000 | 11.2500 | 0.000000E+00 |
| 890 | 17.3333 | 11.2500 | 0.000000E+00 |
| 891 | 18.6667 | 11.2500 | 0.000000E+00 |
| 892 | 20.0000 | 11.2500 | 0.000000E+00 |
| 893 | 22.0000 | 11.2500 | 0.000000E+00 |
| 894 | 24.0000 | 11.2500 | 0.000000E+00 |
| 895 | 25.3333 | 11.2500 | 0.000000E+00 |
| 896 | 26.6667 | 11.2500 | 0.000000E+00 |
| 897 | 28.0000 | 11.2500 | 0.000000E+00 |
| 898 | 29.3333 | 11.2500 | 0.000000E+00 |
| 899 | 30.6667 | 11.2500 | 0.000000E+00 |
| 900 | 32.0000 | 11.2500 | 0.000000E+00 |
| 901 | 34.0000 | 11.2500 | 0.000000E+00 |
| 902 | 36.0000 | 11.2500 | 0.000000E+00 |
| 903 | 37.3333 | 11.2500 | 0.000000E+00 |
| 904 | 38.6667 | 11.2500 | 0.000000E+00 |
| 905 | 40.0000 | 11.2500 | 0.000000E+00 |
| 906 | 41.3333 | 11.2500 | 0.000000E+00 |
| 907 | 42.6667 | 11.2500 | 0.000000E+00 |
| 908 | 44.0000 | 11.2500 | 0.000000E+00 |
| 909 | 46.0000 | 11.2500 | 0.000000E+00 |
| 910 | 48.0000 | 11.2500 | 0.000000E+00 |
| 911 | 49.4167 | 11.2500 | 0.000000E+00 |
| 912 | 50.8333 | 11.2500 | 0.000000E+00 |
| 913 | 52.2500 | 11.2500 | 0.000000E+00 |
| 914 | 53.6667 | 11.2500 | 0.000000E+00 |
| 915 | 55.0833 | 11.2500 | 0.000000E+00 |
| 916 | 56.5000 | 11.2500 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 917 | 58.0000 | 11.2500 | 0.000000E+00 |
| 918 | 59.3750 | 11.2500 | 0.000000E+00 |
| 919 | 60.7500 | 11.2500 | 0.000000E+00 |
| 920 | 62.1667 | 11.2500 | 0.000000E+00 |
| 921 | 63.5833 | 11.2500 | 0.000000E+00 |
| 922 | 65.0000 | 11.2500 | 0.000000E+00 |
| 923 | 66.3333 | 11.2500 | 0.000000E+00 |
| 924 | 67.6667 | 11.2500 | 0.000000E+00 |
| 925 | 69.0000 | 11.2500 | 0.000000E+00 |
| 926 | 70.0000 | 11.2500 | 0.000000E+00 |
| 927 | 71.5000 | 11.2500 | 0.000000E+00 |
| 928 | 73.0000 | 11.2500 | 0.000000E+00 |
| 929 | 74.3333 | 11.2500 | 0.000000E+00 |
| 930 | 75.6667 | 11.2500 | 0.000000E+00 |
| 931 | 77.0000 | 11.2500 | 0.000000E+00 |
| 932 | 78.3333 | 11.2500 | 0.000000E+00 |
| 933 | 79.6667 | 11.2500 | 0.000000E+00 |
| 934 | 81.0000 | 11.2500 | 0.000000E+00 |
| 935 | 8.00000 | 3.35000 | 0.000000E+00 |
| 936 | 22.0000 | 3.35000 | 0.000000E+00 |
| 937 | 32.0000 | 3.35000 | 0.000000E+00 |
| 938 | 46.0000 | 3.35000 | 0.000000E+00 |
| 939 | 70.0000 | 3.35000 | 0.000000E+00 |
| 940 | 71.5000 | 3.35000 | 0.000000E+00 |
| 941 | 8.00000 | 9.90000 | 0.000000E+00 |
| 942 | 22.0000 | 9.90000 | 0.000000E+00 |
| 943 | 32.0000 | 9.90000 | 0.000000E+00 |
| 944 | 46.0000 | 9.90000 | 0.000000E+00 |
| 945 | 70.0000 | 9.90000 | 0.000000E+00 |
| 946 | 71.5000 | 9.90000 | 0.000000E+00 |
| 947 | 56.5000 | 3.35000 | 0.000000E+00 |
| 948 | 56.5000 | 9.90000 | 0.000000E+00 |
| 949 | 0.000000E+00 | 3.35000 | 0.000000E+00 |
| 950 | 1.33333 | 3.35000 | 0.000000E+00 |
| 951 | 2.66667 | 3.35000 | 0.000000E+00 |
| 952 | 4.00000 | 3.35000 | 0.000000E+00 |
| 953 | 5.33333 | 3.35000 | 0.000000E+00 |
| 954 | 6.66667 | 3.35000 | 0.000000E+00 |
| 955 | 0.000000E+00 | 9.90000 | 0.000000E+00 |
| 956 | 1.33333 | 9.90000 | 0.000000E+00 |
| 957 | 2.66667 | 9.90000 | 0.000000E+00 |
| 958 | 4.00000 | 9.90000 | 0.000000E+00 |
| 959 | 5.33333 | 9.90000 | 0.000000E+00 |
| 960 | 6.66667 | 9.90000 | 0.000000E+00 |
| 961 | 10.0000 | 3.35000 | 0.000000E+00 |
| 962 | 12.0000 | 3.35000 | 0.000000E+00 |
| 963 | 13.3333 | 3.35000 | 0.000000E+00 |
| 964 | 14.6667 | 3.35000 | 0.000000E+00 |
| 965 | 10.0000 | 9.90000 | 0.000000E+00 |
| 966 | 12.0000 | 9.90000 | 0.000000E+00 |
| 967 | 13.3333 | 9.90000 | 0.000000E+00 |
| 968 | 14.6667 | 9.90000 | 0.000000E+00 |
| 969 | 16.0000 | 3.35000 | 0.000000E+00 |
| 970 | 17.3333 | 3.35000 | 0.000000E+00 |
| 971 | 18.6667 | 3.35000 | 0.000000E+00 |
| 972 | 20.0000 | 3.35000 | 0.000000E+00 |
| 973 | 16.0000 | 9.90000 | 0.000000E+00 |
| 974 | 17.3333 | 9.90000 | 0.000000E+00 |
| 975 | 18.6667 | 9.90000 | 0.000000E+00 |
| 976 | 20.0000 | 9.90000 | 0.000000E+00 |
| 977 | 24.0000 | 3.35000 | 0.000000E+00 |
| 978 | 25.3333 | 3.35000 | 0.000000E+00 |
| 979 | 26.6667 | 3.35000 | 0.000000E+00 |
| 980 | 28.0000 | 3.35000 | 0.000000E+00 |
| 981 | 29.3333 | 3.35000 | 0.000000E+00 |
| 982 | 30.6667 | 3.35000 | 0.000000E+00 |
| 983 | 24.0000 | 9.90000 | 0.000000E+00 |
| 984 | 25.3333 | 9.90000 | 0.000000E+00 |
| 985 | 26.6667 | 9.90000 | 0.000000E+00 |
| 986 | 28.0000 | 9.90000 | 0.000000E+00 |
| 987 | 29.3333 | 9.90000 | 0.000000E+00 |
| 988 | 30.6667 | 9.90000 | 0.000000E+00 |
| 989 | 34.0000 | 3.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 990 | 36.0000 | 3.35000 | 0.000000E+00 |
| 991 | 37.3333 | 3.35000 | 0.000000E+00 |
| 992 | 38.6667 | 3.35000 | 0.000000E+00 |
| 993 | 34.0000 | 9.90000 | 0.000000E+00 |
| 994 | 36.0000 | 9.90000 | 0.000000E+00 |
| 995 | 37.3333 | 9.90000 | 0.000000E+00 |
| 996 | 38.6667 | 9.90000 | 0.000000E+00 |
| 997 | 40.0000 | 3.35000 | 0.000000E+00 |
| 998 | 41.3333 | 3.35000 | 0.000000E+00 |
| 999 | 42.6667 | 3.35000 | 0.000000E+00 |
| 1000 | 44.0000 | 3.35000 | 0.000000E+00 |
| 1001 | 40.0000 | 9.90000 | 0.000000E+00 |
| 1002 | 41.3333 | 9.90000 | 0.000000E+00 |
| 1003 | 42.6667 | 9.90000 | 0.000000E+00 |
| 1004 | 44.0000 | 9.90000 | 0.000000E+00 |
| 1005 | 48.0000 | 3.35000 | 0.000000E+00 |
| 1006 | 49.4167 | 3.35000 | 0.000000E+00 |
| 1007 | 50.8333 | 3.35000 | 0.000000E+00 |
| 1008 | 52.2500 | 3.35000 | 0.000000E+00 |
| 1009 | 53.6667 | 3.35000 | 0.000000E+00 |
| 1010 | 55.0833 | 3.35000 | 0.000000E+00 |
| 1011 | 48.0000 | 9.90000 | 0.000000E+00 |
| 1012 | 49.4167 | 9.90000 | 0.000000E+00 |
| 1013 | 50.8333 | 9.90000 | 0.000000E+00 |
| 1014 | 52.2500 | 9.90000 | 0.000000E+00 |
| 1015 | 53.6667 | 9.90000 | 0.000000E+00 |
| 1016 | 55.0833 | 9.90000 | 0.000000E+00 |
| 1017 | 58.0000 | 3.35000 | 0.000000E+00 |
| 1018 | 59.3750 | 3.35000 | 0.000000E+00 |
| 1019 | 60.7500 | 3.35000 | 0.000000E+00 |
| 1020 | 62.1667 | 3.35000 | 0.000000E+00 |
| 1021 | 63.5833 | 3.35000 | 0.000000E+00 |
| 1022 | 58.0000 | 9.90000 | 0.000000E+00 |
| 1023 | 59.3750 | 9.90000 | 0.000000E+00 |
| 1024 | 60.7500 | 9.90000 | 0.000000E+00 |
| 1025 | 62.1667 | 9.90000 | 0.000000E+00 |
| 1026 | 63.5833 | 9.90000 | 0.000000E+00 |
| 1027 | 65.0000 | 3.35000 | 0.000000E+00 |
| 1028 | 66.3333 | 3.35000 | 0.000000E+00 |
| 1029 | 67.6667 | 3.35000 | 0.000000E+00 |
| 1030 | 69.0000 | 3.35000 | 0.000000E+00 |
| 1031 | 65.0000 | 9.90000 | 0.000000E+00 |
| 1032 | 66.3333 | 9.90000 | 0.000000E+00 |
| 1033 | 67.6667 | 9.90000 | 0.000000E+00 |
| 1034 | 69.0000 | 9.90000 | 0.000000E+00 |
| 1035 | 73.0000 | 3.35000 | 0.000000E+00 |
| 1036 | 74.3333 | 3.35000 | 0.000000E+00 |
| 1037 | 75.6667 | 3.35000 | 0.000000E+00 |
| 1038 | 77.0000 | 3.35000 | 0.000000E+00 |
| 1039 | 78.3333 | 3.35000 | 0.000000E+00 |
| 1040 | 79.6667 | 3.35000 | 0.000000E+00 |
| 1041 | 73.0000 | 9.90000 | 0.000000E+00 |
| 1042 | 74.3333 | 9.90000 | 0.000000E+00 |
| 1043 | 75.6667 | 9.90000 | 0.000000E+00 |
| 1044 | 77.0000 | 9.90000 | 0.000000E+00 |
| 1045 | 78.3333 | 9.90000 | 0.000000E+00 |
| 1046 | 79.6667 | 9.90000 | 0.000000E+00 |
| 1047 | -1.00000 | 2.35000 | -1.10000 |
| 1048 | -1.00000 | 3.98750 | -1.10000 |
| 1049 | -1.00000 | 5.62500 | -1.10000 |
| 1050 | -1.00000 | 7.26250 | -1.10000 |
| 1051 | 7.00000 | 2.35000 | -1.10000 |
| 1052 | 7.00000 | 3.98750 | -1.10000 |
| 1053 | 7.00000 | 5.62500 | -1.10000 |
| 1054 | 7.00000 | 7.26250 | -1.10000 |
| 1055 | 15.0000 | 2.35000 | -1.10000 |
| 1056 | 15.0000 | 3.98750 | -1.10000 |
| 1057 | 15.0000 | 5.62500 | -1.10000 |
| 1058 | 15.0000 | 7.26250 | -1.10000 |
| 1059 | 23.0000 | 2.35000 | -1.10000 |
| 1060 | 23.0000 | 3.98750 | -1.10000 |
| 1061 | 23.0000 | 5.62500 | -1.10000 |
| 1062 | 23.0000 | 7.26250 | -1.10000 |

| | | | |
|---|---|---|---|
| 1063 | 31.0000 | 2.35000 | -1.10000 |
| 1064 | 31.0000 | 3.98750 | -1.10000 |
| 1065 | 31.0000 | 5.62500 | -1.10000 |
| 1066 | 31.0000 | 7.26250 | -1.10000 |
| 1067 | 39.0000 | 2.35000 | -1.10000 |
| 1068 | 39.0000 | 3.98750 | -1.10000 |
| 1069 | 39.0000 | 5.62500 | -1.10000 |
| 1070 | 39.0000 | 7.26250 | -1.10000 |
| 1071 | 47.0000 | 2.35000 | -1.10000 |
| 1072 | 47.0000 | 3.98750 | -1.10000 |
| 1073 | 47.0000 | 5.62500 | -1.10000 |
| 1074 | 47.0000 | 7.26250 | -1.10000 |
| 1075 | 55.5000 | 2.35000 | -1.10000 |
| 1076 | 55.5000 | 3.98750 | -1.10000 |
| 1077 | 55.5000 | 5.62500 | -1.10000 |
| 1078 | 55.5000 | 7.26250 | -1.10000 |
| 1079 | 64.0000 | 2.35000 | -1.10000 |
| 1080 | 64.0000 | 3.98750 | -1.10000 |
| 1081 | 64.0000 | 5.62500 | -1.10000 |
| 1082 | 64.0000 | 7.26250 | -1.10000 |
| 1083 | 72.0000 | 2.35000 | -1.10000 |
| 1084 | 72.0000 | 3.98750 | -1.10000 |
| 1085 | 72.0000 | 5.62500 | -1.10000 |
| 1086 | 72.0000 | 7.26250 | -1.10000 |
| 1087 | 80.0000 | 2.35000 | -1.10000 |
| 1088 | 80.0000 | 3.98750 | -1.10000 |
| 1089 | 80.0000 | 5.62500 | -1.10000 |
| 1090 | 80.0000 | 7.26250 | -1.10000 |
| 1091 | 41.0917 | 8.90000 | -2.80000 |
| 1092 | 41.0917 | 5.62500 | -2.80000 |
| 1093 | 40.0000 | 4.62500 | -6.80000 |
| 1094 | 40.0000 | 4.62500 | -5.46667 |
| 1095 | 40.0000 | 4.62500 | -4.13333 |
| 1096 | 40.0000 | 4.62500 | -8.60000 |
| 1097 | 40.0000 | 9.90000 | -2.30000 |
| 1098 | 40.0000 | 3.35000 | -2.30000 |
| 1099 | 79.9083 | 5.62500 | -2.80000 |
| 1100 | 81.0000 | 7.90000 | -2.80000 |
| 1101 | 81.0000 | 3.35000 | -2.30000 |
| 1102 | 79.9083 | 2.35000 | -2.80000 |
| 1103 | -1.09167 | 5.62500 | -2.80000 |
| 1104 | 0.000000E+00 | 7.90000 | -2.80000 |
| 1105 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1106 | -1.09167 | 2.35000 | -2.80000 |
| 1107 | 1.00000 | 8.90000 | -1.75000 |
| 1108 | 1.00000 | 8.90000 | -1.42500 |
| 1109 | 1.00000 | 8.90000 | -2.30000 |
| 1110 | 1.00000 | 8.90000 | -2.02500 |
| 1111 | 9.00000 | 8.90000 | -1.49500 |
| 1112 | 9.00000 | 8.90000 | -1.29750 |
| 1113 | 9.00000 | 8.90000 | -2.30000 |
| 1114 | 9.00000 | 8.90000 | -1.89750 |
| 1115 | 17.0000 | 8.90000 | -1.49500 |
| 1116 | 17.0000 | 8.90000 | -1.29750 |
| 1117 | 17.0000 | 8.90000 | -2.30000 |
| 1118 | 17.0000 | 8.90000 | -1.89750 |
| 1119 | 25.0000 | 8.90000 | -1.49500 |
| 1120 | 25.0000 | 8.90000 | -1.29750 |
| 1121 | 25.0000 | 8.90000 | -2.30000 |
| 1122 | 25.0000 | 8.90000 | -1.89750 |
| 1123 | 33.0000 | 8.90000 | -1.49500 |
| 1124 | 33.0000 | 8.90000 | -1.29750 |
| 1125 | 33.0000 | 8.90000 | -2.30000 |
| 1126 | 33.0000 | 8.90000 | -1.89750 |
| 1127 | 41.0000 | 8.90000 | -1.75000 |
| 1128 | 41.0000 | 8.90000 | -1.42500 |
| 1129 | 41.0000 | 8.90000 | -2.30000 |
| 1130 | 41.0000 | 8.90000 | -2.02500 |
| 1131 | 49.0000 | 8.90000 | -1.49500 |
| 1132 | 49.0000 | 8.90000 | -1.29750 |
| 1133 | 49.0000 | 8.90000 | -2.30000 |
| 1134 | 49.0000 | 8.90000 | -1.89750 |
| 1135 | 57.5000 | 8.90000 | -1.49500 |

| | | | |
|---|---|---|---|
| 1136 | 57.5000 | 8.90000 | -1.29750 |
| 1137 | 57.5000 | 8.90000 | -2.30000 |
| 1138 | 57.5000 | 8.90000 | -1.89750 |
| 1139 | 66.0000 | 8.90000 | -1.49500 |
| 1140 | 66.0000 | 8.90000 | -1.29750 |
| 1141 | 66.0000 | 8.90000 | -2.30000 |
| 1142 | 66.0000 | 8.90000 | -1.89750 |
| 1143 | 74.0000 | 8.90000 | -1.49500 |
| 1144 | 74.0000 | 8.90000 | -1.29750 |
| 1145 | 74.0000 | 8.90000 | -2.30000 |
| 1146 | 74.0000 | 8.90000 | -1.89750 |
| 1147 | 82.0000 | 8.90000 | -1.75000 |
| 1148 | 82.0000 | 8.90000 | -1.42500 |
| 1149 | 82.0000 | 8.90000 | -2.30000 |
| 1150 | 82.0000 | 8.90000 | -2.02500 |
| 1151 | -1.00000 | 2.35000 | -1.75000 |
| 1152 | -1.00000 | 2.35000 | -1.42500 |
| 1153 | -1.00000 | 2.35000 | -2.30000 |
| 1154 | -1.00000 | 2.35000 | -2.02500 |
| 1155 | 7.00000 | 2.35000 | -1.49500 |
| 1156 | 7.00000 | 2.35000 | -1.29750 |
| 1157 | 7.00000 | 2.35000 | -2.30000 |
| 1158 | 7.00000 | 2.35000 | -1.89750 |
| 1159 | 15.0000 | 2.35000 | -1.49500 |
| 1160 | 15.0000 | 2.35000 | -1.29750 |
| 1161 | 15.0000 | 2.35000 | -2.30000 |
| 1162 | 15.0000 | 2.35000 | -1.89750 |
| 1163 | 23.0000 | 2.35000 | -1.49500 |
| 1164 | 23.0000 | 2.35000 | -1.29750 |
| 1165 | 23.0000 | 2.35000 | -2.30000 |
| 1166 | 23.0000 | 2.35000 | -1.89750 |
| 1167 | 31.0000 | 2.35000 | -1.49500 |
| 1168 | 31.0000 | 2.35000 | -1.29750 |
| 1169 | 31.0000 | 2.35000 | -2.30000 |
| 1170 | 31.0000 | 2.35000 | -1.89750 |
| 1171 | 39.0000 | 2.35000 | -1.75000 |
| 1172 | 39.0000 | 2.35000 | -1.42500 |
| 1173 | 39.0000 | 2.35000 | -2.30000 |
| 1174 | 39.0000 | 2.35000 | -2.02500 |
| 1175 | 47.0000 | 2.35000 | -1.49500 |
| 1176 | 47.0000 | 2.35000 | -1.29750 |
| 1177 | 47.0000 | 2.35000 | -2.30000 |
| 1178 | 47.0000 | 2.35000 | -1.89750 |
| 1179 | 55.5000 | 2.35000 | -1.49500 |
| 1180 | 55.5000 | 2.35000 | -1.29750 |
| 1181 | 55.5000 | 2.35000 | -2.30000 |
| 1182 | 55.5000 | 2.35000 | -1.89750 |
| 1183 | 64.0000 | 2.35000 | -1.49500 |
| 1184 | 64.0000 | 2.35000 | -1.29750 |
| 1185 | 64.0000 | 2.35000 | -2.30000 |
| 1186 | 64.0000 | 2.35000 | -1.89750 |
| 1187 | 72.0000 | 2.35000 | -1.49500 |
| 1188 | 72.0000 | 2.35000 | -1.29750 |
| 1189 | 72.0000 | 2.35000 | -2.30000 |
| 1190 | 72.0000 | 2.35000 | -1.89750 |
| 1191 | 80.0000 | 2.35000 | -1.75000 |
| 1192 | 80.0000 | 2.35000 | -1.42500 |
| 1193 | 80.0000 | 2.35000 | -2.30000 |
| 1194 | 80.0000 | 2.35000 | -2.02500 |
| 1195 | 1.00000 | 8.90000 | -0.450000 |
| 1196 | 1.00000 | 8.90000 | -0.225000 |
| 1197 | 1.00000 | 8.90000 | -1.10000 |
| 1198 | 1.00000 | 8.90000 | -0.775000 |
| 1199 | 9.00000 | 8.90000 | -0.705000 |
| 1200 | 9.00000 | 8.90000 | -0.352500 |
| 1201 | 9.00000 | 8.90000 | -1.10000 |
| 1202 | 9.00000 | 8.90000 | -0.902500 |
| 1203 | 17.0000 | 8.90000 | -0.705000 |
| 1204 | 17.0000 | 8.90000 | -0.352500 |
| 1205 | 17.0000 | 8.90000 | -1.10000 |
| 1206 | 17.0000 | 8.90000 | -0.902500 |
| 1207 | 25.0000 | 8.90000 | -0.705000 |
| 1208 | 25.0000 | 8.90000 | -0.352500 |

| | | | |
|---|---|---|---|
| 1209 | 25.0000 | 8.90000 | -1.10000 |
| 1210 | 25.0000 | 8.90000 | -0.902500 |
| 1211 | 33.0000 | 8.90000 | -0.705000 |
| 1212 | 33.0000 | 8.90000 | -0.352500 |
| 1213 | 33.0000 | 8.90000 | -1.10000 |
| 1214 | 33.0000 | 8.90000 | -0.902500 |
| 1215 | 41.0000 | 8.90000 | -0.450000 |
| 1216 | 41.0000 | 8.90000 | -0.225000 |
| 1217 | 41.0000 | 8.90000 | -1.10000 |
| 1218 | 41.0000 | 8.90000 | -0.775000 |
| 1219 | 49.0000 | 8.90000 | -0.705000 |
| 1220 | 49.0000 | 8.90000 | -0.352500 |
| 1221 | 49.0000 | 8.90000 | -1.10000 |
| 1222 | 49.0000 | 8.90000 | -0.902500 |
| 1223 | 57.5000 | 8.90000 | -0.705000 |
| 1224 | 57.5000 | 8.90000 | -0.352500 |
| 1225 | 57.5000 | 8.90000 | -1.10000 |
| 1226 | 57.5000 | 8.90000 | -0.902500 |
| 1227 | 66.0000 | 8.90000 | -0.705000 |
| 1228 | 66.0000 | 8.90000 | -0.352500 |
| 1229 | 66.0000 | 8.90000 | -1.10000 |
| 1230 | 66.0000 | 8.90000 | -0.902500 |
| 1231 | 74.0000 | 8.90000 | -0.705000 |
| 1232 | 74.0000 | 8.90000 | -0.352500 |
| 1233 | 74.0000 | 8.90000 | -1.10000 |
| 1234 | 74.0000 | 8.90000 | -0.902500 |
| 1235 | 82.0000 | 8.90000 | -0.450000 |
| 1236 | 82.0000 | 8.90000 | -0.225000 |
| 1237 | 82.0000 | 8.90000 | -1.10000 |
| 1238 | 82.0000 | 8.90000 | -0.775000 |
| 1239 | -1.00000 | 2.35000 | -0.450000 |
| 1240 | -1.00000 | 2.35000 | -0.225000 |
| 1241 | -1.00000 | 2.35000 | -1.10000 |
| 1242 | -1.00000 | 2.35000 | -0.775000 |
| 1243 | 7.00000 | 2.35000 | -0.705000 |
| 1244 | 7.00000 | 2.35000 | -0.352500 |
| 1245 | 7.00000 | 2.35000 | -1.10000 |
| 1246 | 7.00000 | 2.35000 | -0.902500 |
| 1247 | 15.0000 | 2.35000 | -0.705000 |
| 1248 | 15.0000 | 2.35000 | -0.352500 |
| 1249 | 15.0000 | 2.35000 | -1.10000 |
| 1250 | 15.0000 | 2.35000 | -0.902500 |
| 1251 | 23.0000 | 2.35000 | -0.705000 |
| 1252 | 23.0000 | 2.35000 | -0.352500 |
| 1253 | 23.0000 | 2.35000 | -1.10000 |
| 1254 | 23.0000 | 2.35000 | -0.902500 |
| 1255 | 31.0000 | 2.35000 | -0.705000 |
| 1256 | 31.0000 | 2.35000 | -0.352500 |
| 1257 | 31.0000 | 2.35000 | -1.10000 |
| 1258 | 31.0000 | 2.35000 | -0.902500 |
| 1259 | 39.0000 | 2.35000 | -0.450000 |
| 1260 | 39.0000 | 2.35000 | -0.225000 |
| 1261 | 39.0000 | 2.35000 | -1.10000 |
| 1262 | 39.0000 | 2.35000 | -0.775000 |
| 1263 | 47.0000 | 2.35000 | -0.705000 |
| 1264 | 47.0000 | 2.35000 | -0.352500 |
| 1265 | 47.0000 | 2.35000 | -1.10000 |
| 1266 | 47.0000 | 2.35000 | -0.902500 |
| 1267 | 55.5000 | 2.35000 | -0.705000 |
| 1268 | 55.5000 | 2.35000 | -0.352500 |
| 1269 | 55.5000 | 2.35000 | -1.10000 |
| 1270 | 55.5000 | 2.35000 | -0.902500 |
| 1271 | 64.0000 | 2.35000 | -0.705000 |
| 1272 | 64.0000 | 2.35000 | -0.352500 |
| 1273 | 64.0000 | 2.35000 | -1.10000 |
| 1274 | 64.0000 | 2.35000 | -0.902500 |
| 1275 | 72.0000 | 2.35000 | -0.705000 |
| 1276 | 72.0000 | 2.35000 | -0.352500 |
| 1277 | 72.0000 | 2.35000 | -1.10000 |
| 1278 | 72.0000 | 2.35000 | -0.902500 |
| 1279 | 80.0000 | 2.35000 | -0.450000 |
| 1280 | 80.0000 | 2.35000 | -0.225000 |
| 1281 | 80.0000 | 2.35000 | -1.10000 |

| | | | |
|---|---|---|---|
| 1282 | 80.0000 | 2.35000 | -0.775000 |
| 1283 | 3.00000 | 2.35000 | -1.10000 |
| 1284 | 3.00000 | 3.98750 | -1.10000 |
| 1285 | 3.00000 | 5.62500 | -1.10000 |
| 1286 | 3.00000 | 7.26250 | -1.10000 |
| 1287 | 5.00000 | 8.90000 | -1.49500 |
| 1288 | 5.00000 | 8.90000 | -1.29750 |
| 1289 | 5.00000 | 8.90000 | -2.30000 |
| 1290 | 5.00000 | 8.90000 | -1.89750 |
| 1291 | 3.00000 | 2.35000 | -1.49500 |
| 1292 | 3.00000 | 2.35000 | -1.29750 |
| 1293 | 3.00000 | 2.35000 | -2.30000 |
| 1294 | 3.00000 | 2.35000 | -1.89750 |
| 1295 | 5.00000 | 8.90000 | -0.705000 |
| 1296 | 5.00000 | 8.90000 | -0.352500 |
| 1297 | 5.00000 | 8.90000 | -1.10000 |
| 1298 | 5.00000 | 8.90000 | -0.902500 |
| 1299 | 3.00000 | 2.35000 | -0.705000 |
| 1300 | 3.00000 | 2.35000 | -0.352500 |
| 1301 | 3.00000 | 2.35000 | -1.10000 |
| 1302 | 3.00000 | 2.35000 | -0.902500 |
| 1303 | 11.0000 | 2.35000 | -1.10000 |
| 1304 | 11.0000 | 3.98750 | -1.10000 |
| 1305 | 11.0000 | 5.62500 | -1.10000 |
| 1306 | 11.0000 | 7.26250 | -1.10000 |
| 1307 | 13.0000 | 8.90000 | -1.49500 |
| 1308 | 13.0000 | 8.90000 | -1.29750 |
| 1309 | 13.0000 | 8.90000 | -2.30000 |
| 1310 | 13.0000 | 8.90000 | -1.89750 |
| 1311 | 11.0000 | 2.35000 | -1.49500 |
| 1312 | 11.0000 | 2.35000 | -1.29750 |
| 1313 | 11.0000 | 2.35000 | -2.30000 |
| 1314 | 11.0000 | 2.35000 | -1.89750 |
| 1315 | 13.0000 | 8.90000 | -0.705000 |
| 1316 | 13.0000 | 8.90000 | -0.352500 |
| 1317 | 13.0000 | 8.90000 | -1.10000 |
| 1318 | 13.0000 | 8.90000 | -0.902500 |
| 1319 | 11.0000 | 2.35000 | -0.705000 |
| 1320 | 11.0000 | 2.35000 | -0.352500 |
| 1321 | 11.0000 | 2.35000 | -1.10000 |
| 1322 | 11.0000 | 2.35000 | -0.902500 |
| 1323 | 19.0000 | 2.35000 | -1.10000 |
| 1324 | 19.0000 | 3.98750 | -1.10000 |
| 1325 | 19.0000 | 5.62500 | -1.10000 |
| 1326 | 19.0000 | 7.26250 | -1.10000 |
| 1327 | 21.0000 | 8.90000 | -1.49500 |
| 1328 | 21.0000 | 8.90000 | -1.29750 |
| 1329 | 21.0000 | 8.90000 | -2.30000 |
| 1330 | 21.0000 | 8.90000 | -1.89750 |
| 1331 | 19.0000 | 2.35000 | -1.49500 |
| 1332 | 19.0000 | 2.35000 | -1.29750 |
| 1333 | 19.0000 | 2.35000 | -2.30000 |
| 1334 | 19.0000 | 2.35000 | -1.89750 |
| 1335 | 21.0000 | 8.90000 | -0.705000 |
| 1336 | 21.0000 | 8.90000 | -0.352500 |
| 1337 | 21.0000 | 8.90000 | -1.10000 |
| 1338 | 21.0000 | 8.90000 | -0.902500 |
| 1339 | 19.0000 | 2.35000 | -0.705000 |
| 1340 | 19.0000 | 2.35000 | -0.352500 |
| 1341 | 19.0000 | 2.35000 | -1.10000 |
| 1342 | 19.0000 | 2.35000 | -0.902500 |
| 1343 | 27.0000 | 2.35000 | -1.10000 |
| 1344 | 27.0000 | 3.98750 | -1.10000 |
| 1345 | 27.0000 | 5.62500 | -1.10000 |
| 1346 | 27.0000 | 7.26250 | -1.10000 |
| 1347 | 29.0000 | 8.90000 | -1.49500 |
| 1348 | 29.0000 | 8.90000 | -1.29750 |
| 1349 | 29.0000 | 8.90000 | -2.30000 |
| 1350 | 29.0000 | 8.90000 | -1.89750 |
| 1351 | 27.0000 | 2.35000 | -1.49500 |
| 1352 | 27.0000 | 2.35000 | -1.29750 |
| 1353 | 27.0000 | 2.35000 | -2.30000 |
| 1354 | 27.0000 | 2.35000 | -1.89750 |

| | | | |
|---|---|---|---|
| 1355 | 29.0000 | 8.90000 | -0.705000 |
| 1356 | 29.0000 | 8.90000 | -0.352500 |
| 1357 | 29.0000 | 8.90000 | -1.10000 |
| 1358 | 29.0000 | 8.90000 | -0.902500 |
| 1359 | 27.0000 | 2.35000 | -0.705000 |
| 1360 | 27.0000 | 2.35000 | -0.352500 |
| 1361 | 27.0000 | 2.35000 | -1.10000 |
| 1362 | 27.0000 | 2.35000 | -0.902500 |
| 1363 | 35.0000 | 2.35000 | -1.10000 |
| 1364 | 35.0000 | 3.98750 | -1.10000 |
| 1365 | 35.0000 | 5.62500 | -1.10000 |
| 1366 | 35.0000 | 7.26250 | -1.10000 |
| 1367 | 37.0000 | 8.90000 | -1.49500 |
| 1368 | 37.0000 | 8.90000 | -1.29750 |
| 1369 | 37.0000 | 8.90000 | -2.30000 |
| 1370 | 37.0000 | 8.90000 | -1.89750 |
| 1371 | 35.0000 | 2.35000 | -1.49500 |
| 1372 | 35.0000 | 2.35000 | -1.29750 |
| 1373 | 35.0000 | 2.35000 | -2.30000 |
| 1374 | 35.0000 | 2.35000 | -1.89750 |
| 1375 | 37.0000 | 8.90000 | -0.705000 |
| 1376 | 37.0000 | 8.90000 | -0.352500 |
| 1377 | 37.0000 | 8.90000 | -1.10000 |
| 1378 | 37.0000 | 8.90000 | -0.902500 |
| 1379 | 35.0000 | 2.35000 | -0.705000 |
| 1380 | 35.0000 | 2.35000 | -0.352500 |
| 1381 | 35.0000 | 2.35000 | -1.10000 |
| 1382 | 35.0000 | 2.35000 | -0.902500 |
| 1383 | 43.0000 | 2.35000 | -1.10000 |
| 1384 | 43.0000 | 3.98750 | -1.10000 |
| 1385 | 43.0000 | 5.62500 | -1.10000 |
| 1386 | 43.0000 | 7.26250 | -1.10000 |
| 1387 | 45.0000 | 8.90000 | -1.49500 |
| 1388 | 45.0000 | 8.90000 | -1.29750 |
| 1389 | 45.0000 | 8.90000 | -2.30000 |
| 1390 | 45.0000 | 8.90000 | -1.89750 |
| 1391 | 43.0000 | 2.35000 | -1.49500 |
| 1392 | 43.0000 | 2.35000 | -1.29750 |
| 1393 | 43.0000 | 2.35000 | -2.30000 |
| 1394 | 43.0000 | 2.35000 | -1.89750 |
| 1395 | 45.0000 | 8.90000 | -0.705000 |
| 1396 | 45.0000 | 8.90000 | -0.352500 |
| 1397 | 45.0000 | 8.90000 | -1.10000 |
| 1398 | 45.0000 | 8.90000 | -0.902500 |
| 1399 | 43.0000 | 2.35000 | -0.705000 |
| 1400 | 43.0000 | 2.35000 | -0.352500 |
| 1401 | 43.0000 | 2.35000 | -1.10000 |
| 1402 | 43.0000 | 2.35000 | -0.902500 |
| 1403 | 51.2500 | 2.35000 | -1.10000 |
| 1404 | 51.2500 | 3.98750 | -1.10000 |
| 1405 | 51.2500 | 5.62500 | -1.10000 |
| 1406 | 51.2500 | 7.26250 | -1.10000 |
| 1407 | 53.2500 | 8.90000 | -1.49500 |
| 1408 | 53.2500 | 8.90000 | -1.29750 |
| 1409 | 53.2500 | 8.90000 | -2.30000 |
| 1410 | 53.2500 | 8.90000 | -1.89750 |
| 1411 | 51.2500 | 2.35000 | -1.49500 |
| 1412 | 51.2500 | 2.35000 | -1.29750 |
| 1413 | 51.2500 | 2.35000 | -2.30000 |
| 1414 | 51.2500 | 2.35000 | -1.89750 |
| 1415 | 53.2500 | 8.90000 | -0.705000 |
| 1416 | 53.2500 | 8.90000 | -0.352500 |
| 1417 | 53.2500 | 8.90000 | -1.10000 |
| 1418 | 53.2500 | 8.90000 | -0.902500 |
| 1419 | 51.2500 | 2.35000 | -0.705000 |
| 1420 | 51.2500 | 2.35000 | -0.352500 |
| 1421 | 51.2500 | 2.35000 | -1.10000 |
| 1422 | 51.2500 | 2.35000 | -0.902500 |
| 1423 | 59.7500 | 2.35000 | -1.10000 |
| 1424 | 59.7500 | 3.98750 | -1.10000 |
| 1425 | 59.7500 | 5.62500 | -1.10000 |
| 1426 | 59.7500 | 7.26250 | -1.10000 |
| 1427 | 61.7500 | 8.90000 | -1.49500 |

| | | | |
|---|---|---|---|
| 1428 | 61.7500 | 8.90000 | -1.29750 |
| 1429 | 61.7500 | 8.90000 | -2.30000 |
| 1430 | 61.7500 | 8.90000 | -1.89750 |
| 1431 | 59.7500 | 2.35000 | -1.49500 |
| 1432 | 59.7500 | 2.35000 | -1.29750 |
| 1433 | 59.7500 | 2.35000 | -2.30000 |
| 1434 | 59.7500 | 2.35000 | -1.89750 |
| 1435 | 61.7500 | 8.90000 | -0.705000 |
| 1436 | 61.7500 | 8.90000 | -0.352500 |
| 1437 | 61.7500 | 8.90000 | -1.10000 |
| 1438 | 61.7500 | 8.90000 | -0.902500 |
| 1439 | 59.7500 | 2.35000 | -0.705000 |
| 1440 | 59.7500 | 2.35000 | -0.352500 |
| 1441 | 59.7500 | 2.35000 | -1.10000 |
| 1442 | 59.7500 | 2.35000 | -0.902500 |
| 1443 | 68.0000 | 2.35000 | -1.10000 |
| 1444 | 68.0000 | 3.98750 | -1.10000 |
| 1445 | 68.0000 | 5.62500 | -1.10000 |
| 1446 | 68.0000 | 7.26250 | -1.10000 |
| 1447 | 70.0000 | 8.90000 | -1.49500 |
| 1448 | 70.0000 | 8.90000 | -1.29750 |
| 1449 | 70.0000 | 8.90000 | -2.30000 |
| 1450 | 70.0000 | 8.90000 | -1.89750 |
| 1451 | 68.0000 | 2.35000 | -1.49500 |
| 1452 | 68.0000 | 2.35000 | -1.29750 |
| 1453 | 68.0000 | 2.35000 | -2.30000 |
| 1454 | 68.0000 | 2.35000 | -1.89750 |
| 1455 | 70.0000 | 8.90000 | -0.705000 |
| 1456 | 70.0000 | 8.90000 | -0.352500 |
| 1457 | 70.0000 | 8.90000 | -1.10000 |
| 1458 | 70.0000 | 8.90000 | -0.902500 |
| 1459 | 68.0000 | 2.35000 | -0.705000 |
| 1460 | 68.0000 | 2.35000 | -0.352500 |
| 1461 | 68.0000 | 2.35000 | -1.10000 |
| 1462 | 68.0000 | 2.35000 | -0.902500 |
| 1463 | 76.0000 | 2.35000 | -1.10000 |
| 1464 | 76.0000 | 3.98750 | -1.10000 |
| 1465 | 76.0000 | 5.62500 | -1.10000 |
| 1466 | 76.0000 | 7.26250 | -1.10000 |
| 1467 | 78.0000 | 8.90000 | -1.49500 |
| 1468 | 78.0000 | 8.90000 | -1.29750 |
| 1469 | 78.0000 | 8.90000 | -2.30000 |
| 1470 | 78.0000 | 8.90000 | -1.89750 |
| 1471 | 76.0000 | 2.35000 | -1.49500 |
| 1472 | 76.0000 | 2.35000 | -1.29750 |
| 1473 | 76.0000 | 2.35000 | -2.30000 |
| 1474 | 76.0000 | 2.35000 | -1.89750 |
| 1475 | 78.0000 | 8.90000 | -0.705000 |
| 1476 | 78.0000 | 8.90000 | -0.352500 |
| 1477 | 78.0000 | 8.90000 | -1.10000 |
| 1478 | 78.0000 | 8.90000 | -0.902500 |
| 1479 | 76.0000 | 2.35000 | -0.705000 |
| 1480 | 76.0000 | 2.35000 | -0.352500 |
| 1481 | 76.0000 | 2.35000 | -1.10000 |
| 1482 | 76.0000 | 2.35000 | -0.902500 |
| 1483 | 41.0000 | 8.90000 | -2.30000 |
| 1484 | 40.0000 | 9.90000 | -2.30000 |
| 1485 | 41.0000 | 2.35000 | -2.30000 |
| 1486 | 40.0000 | 3.35000 | -2.30000 |
| 1487 | 1.00000 | 2.35000 | -2.30000 |
| 1488 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1489 | 1.00000 | 8.90000 | -2.30000 |
| 1490 | 0.000000E+00 | 9.90000 | -2.30000 |
| 1491 | 82.0000 | 2.35000 | -2.30000 |
| 1492 | 81.0000 | 3.35000 | -2.30000 |
| 1493 | 82.0000 | 8.90000 | -2.30000 |
| 1494 | 81.0000 | 9.90000 | -2.30000 |
| 1495 | 41.0000 | 5.62500 | -8.60000 |
| 1496 | 40.0000 | 6.62500 | -8.60000 |
| 1497 | 1.00000 | 5.62500 | -2.80000 |
| 1498 | 0.000000E+00 | 6.62500 | -2.80000 |
| 1499 | 82.0000 | 5.62500 | -2.80000 |
| 1500 | 81.0000 | 6.62500 | -2.80000 |

TOTAL NUMBER OF NODES = 1500
LARGEST NODE NUMBER = 1500

DATA STORAGE LOCATIONS USED = 10500

G E O M E T R I C P R O P E R T I E S

C1__F1
PROPERTY

BMI21 ELEMENTS
1 1ST NODE AREA =0.1076 IYY =0.9835E-01 IZZ = 0.4254E-02 KT =0.3325E-04 ASZ =0.4460E-01
ASY =0.6300E-01 EZ =1.241 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1076 IYY =0.9835E-01 IZZ = 0.4254E-02 KT =0.3325E-04 ASZ =0.4460E-01
ASY =0.6300E-01 EZ =1.241 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C2__F1
PROPERTY

BMI21 ELEMENTS
2 1ST NODE AREA =0.1120 IYY =0.1047 IZZ = 0.4861E-02 KT =0.4992E-04 ASZ =0.3996E-01
ASY =0.7200E-01 EZ =1.325 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1120 IYY =0.1047 IZZ = 0.4861E-02 KT =0.4992E-04 ASZ =0.3996E-01
ASY =0.7200E-01 EZ =1.325 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C3__F1
PROPERTY

BMI21 ELEMENTS
3 1ST NODE AREA =0.1296 IYY =0.1268 IZZ = 0.6076E-02 KT =0.8828E-04 ASZ =0.3960E-01
ASY =0.9000E-01 EZ =1.300 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1296 IYY =0.1268 IZZ = 0.6076E-02 KT =0.8828E-04 ASZ =0.3960E-01
ASY =0.9000E-01 EZ =1.300 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C4__F1
PROPERTY

BMI21 ELEMENTS
4 1ST NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS
5 1ST NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS
6 1ST NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19
2ND NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS
7 1ST NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS
8 1ST NODE AREA =10.75 IYY =1.579 IZZ =
67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =-0.2305E-11
2ND NODE AREA =10.75 IYY =1.579 IZZ =
67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =-0.2305E-11

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS
9 1ST NODE AREA =78.66 IYY =312.1 IZZ =
851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =78.66 IYY =312.1 IZZ =
851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)
PROPERTY

BMI21 ELEMENTS
10 1ST NODE AREA =1.595 IYY =0.1608 IZZ =
0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.595 IYY =0.1608 IZZ =
0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Offset
PROPERTY

BMI21 ELEMENTS
11 1ST NODE AREA =1.000 IYY =1.000 IZZ =
1.000 KT =1.000 ASZ =1.000

ASY =1.000 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.000 IYY =1.000 IZZ =
1.000 KT =1.000 ASZ =1.000
ASY =1.000 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)
PROPERTY

BMI21 ELEMENTS
12 1ST NODE AREA =0.1628E-01 IYY =0.1869E-03 IZZ =
0.1568E-03 KT =0.1843E-05 ASZ =0.4391E-02
ASY =0.7966E-02 EZ =0.8800E-01 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1628E-01 IYY =0.1869E-03 IZZ =
0.1568E-03 KT =0.1843E-05 ASZ =0.4391E-02
ASY =0.7966E-02 EZ =0.8800E-01 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

S=0.3m
PROPERTY

QTS4 ELEMENTS
14 EZ = -0.1500 T1 = 0.3000 T2 = 0.3000 T3
= 0.3000 T4 = 0.3000

G E O M E T R I C P R O P E R T I E S

Ecc0
PROPERTY

JSH4 ELEMENTS
13 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 678

G E O M E T R I C A S S I G N M E N T S

| FIRST ELEMENT | LAST ELEMENT | DIFF-ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|---|---|---|---|---|
| 1 | 0 | 0 | 13 | 21 |
| 2 | 0 | 0 | 9 | 18 |
| 3 | 5 | 1 | 8 | 17 |
| 6 | 8 | 1 | 11 | 20 |
| 9 | 10 | 1 | 13 | 21 |
| 11 | 13 | 1 | 11 | 20 |

| | | | | |
|---|---|---|---|---|
| 14 | 19 | 1 | 10 | 19 |
| 20 | 25 | 1 | 13 | 21 |
| 26 | 31 | 1 | 6 | 15 |
| 32 | 67 | 1 | 12 | 22 |
| 68 | 73 | 1 | 6 | 15 |
| 74 | 109 | 1 | 12 | 22 |
| 110 | 115 | 1 | 6 | 15 |
| 116 | 151 | 1 | 12 | 22 |
| 152 | 157 | 1 | 6 | 15 |
| 158 | 193 | 1 | 12 | 22 |
| 194 | 0 | 0 | 7 | 16 |
| 195 | 203 | 1 | 5 | 14 |
| 204 | 0 | 0 | 7 | 16 |
| 205 | 213 | 1 | 5 | 14 |
| 214 | 215 | 1 | 7 | 16 |
| 216 | 224 | 1 | 5 | 14 |
| 225 | 0 | 0 | 7 | 16 |
| 226 | 234 | 1 | 5 | 14 |
| 235 | 236 | 1 | 7 | 16 |
| 237 | 245 | 1 | 5 | 14 |
| 246 | 0 | 0 | 7 | 16 |
| 247 | 255 | 1 | 5 | 14 |
| 256 | 257 | 1 | 7 | 16 |
| 258 | 266 | 1 | 5 | 14 |
| 267 | 0 | 0 | 7 | 16 |
| 268 | 276 | 1 | 5 | 14 |
| 277 | 0 | 0 | 7 | 16 |
| 278 | 313 | 1 | 12 | 22 |
| 314 | 319 | 1 | 6 | 15 |
| 320 | 355 | 1 | 12 | 22 |
| 356 | 361 | 1 | 6 | 15 |
| 362 | 397 | 1 | 12 | 22 |
| 398 | 403 | 1 | 6 | 15 |
| 404 | 439 | 1 | 12 | 22 |
| 440 | 445 | 1 | 6 | 15 |
| 446 | 557 | 1 | 14 | 13 |
| 558 | 564 | 1 | 1 | 9 |
| 565 | 572 | 1 | 2 | 10 |
| 573 | 580 | 1 | 3 | 11 |
| 581 | 588 | 1 | 4 | 12 |
| 589 | 596 | 1 | 3 | 11 |
| 597 | 605 | 1 | 2 | 10 |
| 606 | 613 | 1 | 1 | 9 |
| 614 | 837 | 1 | 14 | 13 |
| 838 | 844 | 1 | 1 | 9 |
| 845 | 852 | 1 | 2 | 10 |
| 853 | 860 | 1 | 3 | 11 |
| 861 | 868 | 1 | 4 | 12 |
| 869 | 876 | 1 | 3 | 11 |
| 877 | 885 | 1 | 2 | 10 |
| 886 | 893 | 1 | 1 | 9 |
| 894 | 1005 | 1 | 14 | 13 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 58
TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 14

DATA STORAGE LOCATIONS USED = 3015

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_spalle
8 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1260E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

Incastro
9 KX = 0.3000E+10 KY = 0.3000E+10 KZ = 0.3000E+10 KTX
= 0.3000E+10 KTY = 0.3000E+10 KTZ = 0.3000E+10

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_pila
10 KX = 0.2990E+07 KY = 0.2990E+07 KZ = 0.1871E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel (elastic)
1 E = 0.2100E+12 NU = 0.3000 RHO = 7850. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_long_term_Phase2a (elastic)
11 E = 0.1241E+11 NU = 0.2000 RHO = 2500. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)
2 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_long_term_Phase2a_Trans_Neg (elastic)
12 E = 0.9368E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_long_term_Phase2a_Trans_Pos (elastic)
13 E = 0.9368E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
3 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
4 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
5 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
7 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 546

M A T E R I A L A S S I G N M E N T S

| FIRST ELEMENT SET | LAST ELEMENT SET | DIFFERENCE ID NO. | MATERIAL SET | NSET SET | STRESS POTENTIAL/ CREEP SET | DAMAGE PLASTIC DATA SET | LusasM VISCOELASTIC SET | TWO PHASE SET | SHRINKAGE SET | KO SMEARED_REINFORCEMENT SET |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 17 | 0 | 0 | 0 | | | | | |
| 2 | 5 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 5 | 0 | 0 | 0 | | | | | |
| 6 | 8 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 15 | 0 | 0 | 0 | | | | | |
| 9 | 10 | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 17 | 0 | 0 | 0 | | | | | |
| 11 | 13 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 15 | 0 | 0 | 0 | | | | | |
| 14 | 19 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 5 | 0 | 0 | 0 | | | | | |
| 20 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 16 | 0 | 0 | 0 | | | | | |
| 21 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 23 | 0 | 0 | 0 | | | | | |
| 22 | 23 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 16 | 0 | 0 | 0 | | | | | |
| 24 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 23 | 0 | 0 | 0 | | | | | |
| 25 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 16 | 0 | 0 | 0 | | | | | |
| 26 | 109 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 14 | 0 | 0 | 0 | | | | | |
| 110 | 193 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

```
0       0       15          0          0              0       0
0
194       277          1          1       0              0
0       0        1          0          0              0       0
0
278       361          1          4       0              0
0       0       15          0          0              0       0
0
362       445          1          3       0              0
0       0       14          0          0              0       0
0
446       467          1         11       0              0
0       0        2          0          0              0       0
0
468         0          0         12       0              0
0       0       12          0          0              0       0
0
469       476          1          7       0              0
0       0       22          0          0              0       0
0
477         0          0         13       0              0
0       0       13          0          0              0       0
0
478       523          1         11       0              0
0       0        2          0          0              0       0
0
524         0          0         12       0              0
0       0       12          0          0              0       0
0
525       532          1          7       0              0
0       0       22          0          0              0       0
0
533         0          0         13       0              0
0       0       13          0          0              0       0
0
534       557          1         11       0              0
0       0        2          0          0              0       0
0
558       613          1          1       0              0
0       0        1          0          0              0       0
0
614       635          1         11       0              0
0       0        2          0          0              0       0
0
636         0          0         12       0              0
0       0       12          0          0              0       0
0
637       644          1          7       0              0
0       0       22          0          0              0       0
0
645         0          0         13       0              0
0       0       13          0          0              0       0
0
646       691          1         11       0              0
0       0        2          0          0              0       0
0
692         0          0         12       0              0
0       0       12          0          0              0       0
0
693       700          1          7       0              0
0       0       22          0          0              0       0
0
701         0          0         13       0              0
0       0       13          0          0              0       0
0
702       747          1         11       0              0
0       0        2          0          0              0       0
0
748         0          0         12       0              0
0       0       12          0          0              0       0
0
749       756          1          7       0              0
0       0       22          0          0              0       0
```

```
              0
              757         0         0        13         0         0
              0         0        13         0         0         0         0
              0
              758       803         1        11         0         0
              0         0         2         0         0         0         0
              0
              804         0         0        12         0         0
              0         0        12         0         0         0         0
              0
              805       812         1         7         0         0
              0         0        22         0         0         0         0
              0
              813         0         0        13         0         0
              0         0        13         0         0         0         0
              0
              814       837         1        11         0         0
              0         0         2         0         0         0         0
              0
              838       893         1         1         0         0
              0         0         1         0         0         0         0
              0
              894       915         1        11         0         0
              0         0         2         0         0         0         0
              0
              916         0         0        12         0         0
              0         0        12         0         0         0         0
              0
              917       924         1         7         0         0
              0         0        22         0         0         0         0
              0
              925         0         0        13         0         0
              0         0        13         0         0         0         0
              0
              926       971         1        11         0         0
              0         0         2         0         0         0         0
              0
              972         0         0        12         0         0
              0         0        12         0         0         0         0
              0
              973       980         1         7         0         0
              0         0        22         0         0         0         0
              0
              981         0         0        13         0         0
              0         0        13         0         0         0         0
              0
              982      1005         1        11         0         0
              0         0         2         0         0         0         0
              0

        TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS =        53


             F R E E D O M   T E M P L A T E

      COLM.  COLM.  COLM.  COLM.  COLM.  COLM.  COLM.  COLM.  COLM.  COLM.  COLM.
      COLM.  COLM.  COLM.  COLM.  COLM.  COLM.  COLM.  COLM.  COLM.  COLM.
          1      2      3      4      5      6      7      8      9     10     11
         12     13     14     15     16     17     18     19     20     21
       U      V      W     THX    THY    THZ


             S U P P O R T   N O D E S


             F = FREE
             R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
             S = SPRING

     FIRST    LAST    DIFF       SUPPORT SPRING SUPPORT SPRING SUPPORT
```

| SPRING SUPPORT NODE | SPRING SUPPORT NODE | SPRING SUPPORT RNCE | SPRING SUPPORT CONDITION | SPRING SUPPORT CONSTANT | SPRING SUPPORT CONSTANT |
|---|---|---|---|---|---|
| CONSTANT | CONSTANT | CONSTANT | CONSTANT | | |
| | | | OR PRESCRIBED VALUE | OR PRESCRIBED VALUE | OR |
| | | | PRESCRIBED OR PRESCRIBED VALUE | OR PRESCRIBED VALUE | OR |
| | | | PRESCRIBED OR PRESCRIBED VALUE | | |
| | | | FREEDOM U | FREEDOM V | |
| | | | FREEDOM W | FREEDOM THX | |
| | | | FREEDOM THY | FREEDOM THZ | |
| 1 | 9 | 8 | R R R R R R | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | |
| 13 | 0 | 0 | R R R R R R | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |

TOTAL NUMBER OF SUPPORT NODES = 3
LARGEST NODE NUMBER = 13

DATA STORAGE LOCATIONS USED = 162

L O A D C A S E 7

Permanenti

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 422 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3500.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 423 | 427 | 1 | 0.00000E+00 | 0.00000E+00 | -7000.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 428 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8750.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 429 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10500. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 430 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8750.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 431 | 435 | 1 | 0.00000E+00 | 0.00000E+00 | -7000.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 436 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8750.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 437 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10500. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 438 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8750.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 439 | 443 | 1 | 0.00000E+00 | 0.00000E+00 | -7000.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 444 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8750.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 445 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10500. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 446 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8750.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 447 | 451 | 1 | 0.00000E+00 | 0.00000E+00 | -7000.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 452 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8750.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 453 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10500. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 454 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8968.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 455 | 456 | 1 | 0.00000E+00 | 0.00000E+00 | -7437.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 457 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7437.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

```
458     459       1   0.00000E+00   0.00000E+00   -7437.5
0.00000E+00   0.00000E+00   0.00000E+00
460       0       0   0.00000E+00   0.00000E+00   -7656.2
0.00000E+00   0.00000E+00   0.00000E+00
461       0       0   0.00000E+00   0.00000E+00   -7546.9
0.00000E+00   0.00000E+00   0.00000E+00
462       0       0   0.00000E+00   0.00000E+00   -7218.8
0.00000E+00   0.00000E+00   0.00000E+00
463       0       0   0.00000E+00   0.00000E+00   -7328.1
0.00000E+00   0.00000E+00   0.00000E+00
464       0       0   0.00000E+00   0.00000E+00   -7437.5
0.00000E+00   0.00000E+00   0.00000E+00
465       0       0   0.00000E+00   0.00000E+00   -7437.5
0.00000E+00   0.00000E+00   0.00000E+00
466       0       0   0.00000E+00   0.00000E+00   -7218.8
0.00000E+00   0.00000E+00   0.00000E+00
467       0       0   0.00000E+00   0.00000E+00   -7000.0
0.00000E+00   0.00000E+00   0.00000E+00
468       0       0   0.00000E+00   0.00000E+00   -7000.0
0.00000E+00   0.00000E+00   0.00000E+00
469       0       0   0.00000E+00   0.00000E+00   -6125.0
0.00000E+00   0.00000E+00   0.00000E+00
470       0       0   0.00000E+00   0.00000E+00   -6562.5
0.00000E+00   0.00000E+00   0.00000E+00
471       0       0   0.00000E+00   0.00000E+00   -7875.0
0.00000E+00   0.00000E+00   0.00000E+00
472       0       0   0.00000E+00   0.00000E+00   -7437.5
0.00000E+00   0.00000E+00   0.00000E+00
473       0       0   0.00000E+00   0.00000E+00   -7000.0
0.00000E+00   0.00000E+00   0.00000E+00
474     476       1   0.00000E+00   0.00000E+00   -7000.0
0.00000E+00   0.00000E+00   0.00000E+00
477       0       0   0.00000E+00   0.00000E+00   -7000.0
0.00000E+00   0.00000E+00   0.00000E+00
478       0       0   0.00000E+00   0.00000E+00   -3500.0
0.00000E+00   0.00000E+00   0.00000E+00
479       0       0   0.00000E+00   0.00000E+00   -2408.0
0.00000E+00   0.00000E+00   0.00000E+00
480     484       1   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
485       0       0   0.00000E+00   0.00000E+00   -6020.0
0.00000E+00   0.00000E+00   0.00000E+00
486       0       0   0.00000E+00   0.00000E+00   -7224.0
0.00000E+00   0.00000E+00   0.00000E+00
487       0       0   0.00000E+00   0.00000E+00   -6020.0
0.00000E+00   0.00000E+00   0.00000E+00
488       0       0   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
489     490       1   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
491     492       1   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
493       0       0   0.00000E+00   0.00000E+00   -6020.0
0.00000E+00   0.00000E+00   0.00000E+00
494       0       0   0.00000E+00   0.00000E+00   -7224.0
0.00000E+00   0.00000E+00   0.00000E+00
495       0       0   0.00000E+00   0.00000E+00   -6020.0
0.00000E+00   0.00000E+00   0.00000E+00
496       0       0   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
497     499       1   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
500       0       0   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
501       0       0   0.00000E+00   0.00000E+00   -6020.0
0.00000E+00   0.00000E+00   0.00000E+00
502       0       0   0.00000E+00   0.00000E+00   -7224.0
0.00000E+00   0.00000E+00   0.00000E+00
503       0       0   0.00000E+00   0.00000E+00   -6020.0
0.00000E+00   0.00000E+00   0.00000E+00
504       0       0   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
505       0       0   0.00000E+00   0.00000E+00   -4816.0
```

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 0.00000E+00   0.00000E+00   0.00000E+00
506     507       1   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
508       0       0   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
509       0       0   0.00000E+00   0.00000E+00   -6020.0
 0.00000E+00   0.00000E+00   0.00000E+00
510       0       0   0.00000E+00   0.00000E+00   -7224.0
 0.00000E+00   0.00000E+00   0.00000E+00
511       0       0   0.00000E+00   0.00000E+00   -6170.5
 0.00000E+00   0.00000E+00   0.00000E+00
512     513       1   0.00000E+00   0.00000E+00   -5117.0
 0.00000E+00   0.00000E+00   0.00000E+00
514       0       0   0.00000E+00   0.00000E+00   -5117.0
 0.00000E+00   0.00000E+00   0.00000E+00
515     516       1   0.00000E+00   0.00000E+00   -5117.0
 0.00000E+00   0.00000E+00   0.00000E+00
517       0       0   0.00000E+00   0.00000E+00   -5267.5
 0.00000E+00   0.00000E+00   0.00000E+00
518       0       0   0.00000E+00   0.00000E+00   -5192.2
 0.00000E+00   0.00000E+00   0.00000E+00
519       0       0   0.00000E+00   0.00000E+00   -4966.5
 0.00000E+00   0.00000E+00   0.00000E+00
520       0       0   0.00000E+00   0.00000E+00   -5041.7
 0.00000E+00   0.00000E+00   0.00000E+00
521       0       0   0.00000E+00   0.00000E+00   -5117.0
 0.00000E+00   0.00000E+00   0.00000E+00
522       0       0   0.00000E+00   0.00000E+00   -5117.0
 0.00000E+00   0.00000E+00   0.00000E+00
523       0       0   0.00000E+00   0.00000E+00   -4966.5
 0.00000E+00   0.00000E+00   0.00000E+00
524       0       0   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
525       0       0   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
526       0       0   0.00000E+00   0.00000E+00   -4214.0
 0.00000E+00   0.00000E+00   0.00000E+00
527       0       0   0.00000E+00   0.00000E+00   -4515.0
 0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -5418.0
 0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -5117.0
 0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
531     534       1   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -2408.0
 0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -2849.0
 0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -5698.0
 0.00000E+00   0.00000E+00   0.00000E+00
538     541       1   0.00000E+00   0.00000E+00   -5698.0
 0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -7122.5
 0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -8547.0
 0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -7122.5
 0.00000E+00   0.00000E+00   0.00000E+00
545     547       1   0.00000E+00   0.00000E+00   -5698.0
 0.00000E+00   0.00000E+00   0.00000E+00
548     549       1   0.00000E+00   0.00000E+00   -5698.0
 0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -7122.5
 0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -8547.0
 0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -7122.5
 0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -5698.0
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
554     556       1   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -7122.5
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -8547.0
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -7122.5
0.00000E+00   0.00000E+00   0.00000E+00
561     562       1   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
563       0       0   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
564     565       1   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -7122.5
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -8547.0
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -7300.6
0.00000E+00   0.00000E+00   0.00000E+00
569     570       1   0.00000E+00   0.00000E+00   -6054.1
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -6054.1
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -6054.1
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -6054.1
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -6232.2
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -6143.2
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -5876.1
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -5965.1
0.00000E+00   0.00000E+00   0.00000E+00
578     579       1   0.00000E+00   0.00000E+00   -6054.1
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -5876.1
0.00000E+00   0.00000E+00   0.00000E+00
581     582       1   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -4985.8
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -5341.9
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -6410.2
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -6054.1
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
588     589       1   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
590     591       1   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -2849.0
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -2882.0
0.00000E+00   0.00000E+00   0.00000E+00
594     596       1   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
597     598       1   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -7205.0
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -8646.0
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00   -7205.0
0.00000E+00   0.00000E+00   0.00000E+00
602     603       1   0.00000E+00   0.00000E+00   -5764.0
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
      604     605       1   0.00000E+00   0.00000E+00   -5764.0
      0.00000E+00   0.00000E+00   0.00000E+00
      606       0       0   0.00000E+00   0.00000E+00   -5764.0
      0.00000E+00   0.00000E+00   0.00000E+00
      607       0       0   0.00000E+00   0.00000E+00   -7205.0
      0.00000E+00   0.00000E+00   0.00000E+00
      608       0       0   0.00000E+00   0.00000E+00   -8646.0
      0.00000E+00   0.00000E+00   0.00000E+00
      609       0       0   0.00000E+00   0.00000E+00   -7205.0
      0.00000E+00   0.00000E+00   0.00000E+00
      610       0       0   0.00000E+00   0.00000E+00   -5764.0
      0.00000E+00   0.00000E+00   0.00000E+00
      611     612       1   0.00000E+00   0.00000E+00   -5764.0
      0.00000E+00   0.00000E+00   0.00000E+00
      613       0       0   0.00000E+00   0.00000E+00   -5764.0
      0.00000E+00   0.00000E+00   0.00000E+00
      614       0       0   0.00000E+00   0.00000E+00   -5764.0
      0.00000E+00   0.00000E+00   0.00000E+00
      615       0       0   0.00000E+00   0.00000E+00   -7205.0
      0.00000E+00   0.00000E+00   0.00000E+00
      616       0       0   0.00000E+00   0.00000E+00   -8646.0
      0.00000E+00   0.00000E+00   0.00000E+00
      617       0       0   0.00000E+00   0.00000E+00   -7205.0
      0.00000E+00   0.00000E+00   0.00000E+00
      618     620       1   0.00000E+00   0.00000E+00   -5764.0
      0.00000E+00   0.00000E+00   0.00000E+00
      621     622       1   0.00000E+00   0.00000E+00   -5764.0
      0.00000E+00   0.00000E+00   0.00000E+00
      623       0       0   0.00000E+00   0.00000E+00   -7205.0
      0.00000E+00   0.00000E+00   0.00000E+00
      624       0       0   0.00000E+00   0.00000E+00   -8646.0
      0.00000E+00   0.00000E+00   0.00000E+00
      625       0       0   0.00000E+00   0.00000E+00   -7385.1
      0.00000E+00   0.00000E+00   0.00000E+00
      626     629       1   0.00000E+00   0.00000E+00   -6124.2
      0.00000E+00   0.00000E+00   0.00000E+00
      630       0       0   0.00000E+00   0.00000E+00   -6124.3
      0.00000E+00   0.00000E+00   0.00000E+00
      631       0       0   0.00000E+00   0.00000E+00   -6304.4
      0.00000E+00   0.00000E+00   0.00000E+00
      632       0       0   0.00000E+00   0.00000E+00   -6214.3
      0.00000E+00   0.00000E+00   0.00000E+00
      633       0       0   0.00000E+00   0.00000E+00   -5944.1
      0.00000E+00   0.00000E+00   0.00000E+00
      634       0       0   0.00000E+00   0.00000E+00   -6034.2
      0.00000E+00   0.00000E+00   0.00000E+00
      635       0       0   0.00000E+00   0.00000E+00   -6124.2
      0.00000E+00   0.00000E+00   0.00000E+00
      636       0       0   0.00000E+00   0.00000E+00   -6124.2
      0.00000E+00   0.00000E+00   0.00000E+00
      637       0       0   0.00000E+00   0.00000E+00   -5944.1
      0.00000E+00   0.00000E+00   0.00000E+00
      638       0       0   0.00000E+00   0.00000E+00   -5764.0
      0.00000E+00   0.00000E+00   0.00000E+00
      639       0       0   0.00000E+00   0.00000E+00   -5764.0
      0.00000E+00   0.00000E+00   0.00000E+00
      640       0       0   0.00000E+00   0.00000E+00   -5043.5
      0.00000E+00   0.00000E+00   0.00000E+00
      641       0       0   0.00000E+00   0.00000E+00   -5403.7
      0.00000E+00   0.00000E+00   0.00000E+00
      642       0       0   0.00000E+00   0.00000E+00   -6484.5
      0.00000E+00   0.00000E+00   0.00000E+00
      643       0       0   0.00000E+00   0.00000E+00   -6124.2
      0.00000E+00   0.00000E+00   0.00000E+00
      644     645       1   0.00000E+00   0.00000E+00   -5764.0
      0.00000E+00   0.00000E+00   0.00000E+00
      646       0       0   0.00000E+00   0.00000E+00   -5764.0
      0.00000E+00   0.00000E+00   0.00000E+00
      647     648       1   0.00000E+00   0.00000E+00   -5764.0
      0.00000E+00   0.00000E+00   0.00000E+00
      649       0       0   0.00000E+00   0.00000E+00   -2882.0
      0.00000E+00   0.00000E+00   0.00000E+00
```

```
650        0        0   0.00000E+00   0.00000E+00   -2882.0
0.00000E+00   0.00000E+00   0.00000E+00
651      653        1   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
654      655        1   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -7205.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -8646.0
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -7205.0
0.00000E+00   0.00000E+00   0.00000E+00
659      661        1   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
662      663        1   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -7205.0
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -8646.0
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -7205.0
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
668      670        1   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -7205.0
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -8646.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -7205.0
0.00000E+00   0.00000E+00   0.00000E+00
675      676        1   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -7205.0
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -8646.0
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -7385.1
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -6124.2
0.00000E+00   0.00000E+00   0.00000E+00
684      685        1   0.00000E+00   0.00000E+00   -6124.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -6124.3
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -6124.3
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -6304.4
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -6214.3
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5944.1
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -6034.2
0.00000E+00   0.00000E+00   0.00000E+00
692      693        1   0.00000E+00   0.00000E+00   -6124.2
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5944.1
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -5043.5
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5403.7
 0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6484.5
 0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6124.2
 0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
702      705        1   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -2882.0
 0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -2882.0
 0.00000E+00   0.00000E+00   0.00000E+00
708      710        1   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -7205.0
 0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -8646.0
 0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -7205.0
 0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
718      719        1   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -7205.0
 0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -8646.0
 0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -7205.0
 0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
725      726        1   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -7205.0
 0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -8646.0
 0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -7205.0
 0.00000E+00   0.00000E+00   0.00000E+00
732      734        1   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
735      736        1   0.00000E+00   0.00000E+00   -5764.0
 0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -7205.0
 0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -8646.0
 0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -7385.1
 0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -6124.2
 0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -6124.2
 0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -6124.2
 0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -6124.3
 0.00000E+00   0.00000E+00   0.00000E+00
```

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744        0        0   0.00000E+00   0.00000E+00   -6124.3
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -6304.4
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -6214.3
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -5944.1
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -6034.2
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -6124.2
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -6124.2
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -5944.1
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -5043.5
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -5403.7
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -6484.5
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -6124.2
0.00000E+00   0.00000E+00   0.00000E+00
758      759        1   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
761      762        1   0.00000E+00   0.00000E+00   -5764.0
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2882.0
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -2849.0
0.00000E+00   0.00000E+00   0.00000E+00
765      769        1   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -7122.5
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -8547.0
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -7122.5
0.00000E+00   0.00000E+00   0.00000E+00
773      775        1   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
776      777        1   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -7122.5
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -8547.0
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -7122.5
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
782      784        1   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -7122.5
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -8547.0
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -7122.5
0.00000E+00   0.00000E+00   0.00000E+00
789      790        1   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -5698.0
0.00000E+00   0.00000E+00   0.00000E+00
792      793        1   0.00000E+00   0.00000E+00   -5698.0
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -7122.5
 0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -8547.0
 0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -7300.6
 0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -6054.1
 0.00000E+00   0.00000E+00   0.00000E+00
798      799        1   0.00000E+00   0.00000E+00   -6054.1
 0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -6054.1
 0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -6054.1
 0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -6232.2
 0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -6143.2
 0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -5876.1
 0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -5965.1
 0.00000E+00   0.00000E+00   0.00000E+00
806      807        1   0.00000E+00   0.00000E+00   -6054.1
 0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -5876.1
 0.00000E+00   0.00000E+00   0.00000E+00
809      810        1   0.00000E+00   0.00000E+00   -5698.0
 0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -4985.7
 0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -5341.9
 0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -6410.2
 0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -6054.1
 0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -5698.0
 0.00000E+00   0.00000E+00   0.00000E+00
816      819        1   0.00000E+00   0.00000E+00   -5698.0
 0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -2849.0
 0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -2408.0
 0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
823      824        1   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
825      826        1   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -6020.0
 0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -7224.0
 0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -6020.0
 0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
831      833        1   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -6020.0
 0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -7224.0
 0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -6020.0
 0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
839      841        1   0.00000E+00   0.00000E+00   -4816.0
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
842        0        0   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -6020.0
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -7224.0
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -6020.0
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
848      849        1   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -6020.0
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -7224.0
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -6170.5
0.00000E+00   0.00000E+00   0.00000E+00
854      856        1   0.00000E+00   0.00000E+00   -5117.0
0.00000E+00   0.00000E+00   0.00000E+00
857      858        1   0.00000E+00   0.00000E+00   -5117.0
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -5267.5
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -5192.2
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -4966.5
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -5041.7
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -5117.0
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -5117.0
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -4966.5
0.00000E+00   0.00000E+00   0.00000E+00
866      867        1   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -4214.0
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -4515.0
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -5418.0
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -5117.0
0.00000E+00   0.00000E+00   0.00000E+00
872      875        1   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
876        0        0   0.00000E+00   0.00000E+00   -4816.0
0.00000E+00   0.00000E+00   0.00000E+00
877        0        0   0.00000E+00   0.00000E+00   -2408.0
0.00000E+00   0.00000E+00   0.00000E+00
878        0        0   0.00000E+00   0.00000E+00   -3500.0
0.00000E+00   0.00000E+00   0.00000E+00
879      883        1   0.00000E+00   0.00000E+00   -7000.0
0.00000E+00   0.00000E+00   0.00000E+00
884        0        0   0.00000E+00   0.00000E+00   -8750.0
0.00000E+00   0.00000E+00   0.00000E+00
885        0        0   0.00000E+00   0.00000E+00   -10500.
0.00000E+00   0.00000E+00   0.00000E+00
886        0        0   0.00000E+00   0.00000E+00   -8750.0
0.00000E+00   0.00000E+00   0.00000E+00
887      891        1   0.00000E+00   0.00000E+00   -7000.0
0.00000E+00   0.00000E+00   0.00000E+00
892        0        0   0.00000E+00   0.00000E+00   -8750.0
0.00000E+00   0.00000E+00   0.00000E+00
893        0        0   0.00000E+00   0.00000E+00   -10500.
0.00000E+00   0.00000E+00   0.00000E+00
894        0        0   0.00000E+00   0.00000E+00   -8750.0
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
 895     899       1   0.00000E+00   0.00000E+00   -7000.0
 0.00000E+00   0.00000E+00   0.00000E+00
 900       0       0   0.00000E+00   0.00000E+00   -8750.0
 0.00000E+00   0.00000E+00   0.00000E+00
 901       0       0   0.00000E+00   0.00000E+00   -10500.
 0.00000E+00   0.00000E+00   0.00000E+00
 902       0       0   0.00000E+00   0.00000E+00   -8750.0
 0.00000E+00   0.00000E+00   0.00000E+00
 903     907       1   0.00000E+00   0.00000E+00   -7000.0
 0.00000E+00   0.00000E+00   0.00000E+00
 908       0       0   0.00000E+00   0.00000E+00   -8750.0
 0.00000E+00   0.00000E+00   0.00000E+00
 909       0       0   0.00000E+00   0.00000E+00   -10500.
 0.00000E+00   0.00000E+00   0.00000E+00
 910       0       0   0.00000E+00   0.00000E+00   -8968.8
 0.00000E+00   0.00000E+00   0.00000E+00
 911     912       1   0.00000E+00   0.00000E+00   -7437.5
 0.00000E+00   0.00000E+00   0.00000E+00
 913       0       0   0.00000E+00   0.00000E+00   -7437.5
 0.00000E+00   0.00000E+00   0.00000E+00
 914     915       1   0.00000E+00   0.00000E+00   -7437.5
 0.00000E+00   0.00000E+00   0.00000E+00
 916       0       0   0.00000E+00   0.00000E+00   -7656.2
 0.00000E+00   0.00000E+00   0.00000E+00
 917       0       0   0.00000E+00   0.00000E+00   -7546.9
 0.00000E+00   0.00000E+00   0.00000E+00
 918       0       0   0.00000E+00   0.00000E+00   -7218.8
 0.00000E+00   0.00000E+00   0.00000E+00
 919       0       0   0.00000E+00   0.00000E+00   -7328.1
 0.00000E+00   0.00000E+00   0.00000E+00
 920       0       0   0.00000E+00   0.00000E+00   -7437.5
 0.00000E+00   0.00000E+00   0.00000E+00
 921       0       0   0.00000E+00   0.00000E+00   -7437.5
 0.00000E+00   0.00000E+00   0.00000E+00
 922       0       0   0.00000E+00   0.00000E+00   -7218.8
 0.00000E+00   0.00000E+00   0.00000E+00
 923       0       0   0.00000E+00   0.00000E+00   -7000.0
 0.00000E+00   0.00000E+00   0.00000E+00
 924       0       0   0.00000E+00   0.00000E+00   -7000.0
 0.00000E+00   0.00000E+00   0.00000E+00
 925       0       0   0.00000E+00   0.00000E+00   -6125.0
 0.00000E+00   0.00000E+00   0.00000E+00
 926       0       0   0.00000E+00   0.00000E+00   -6562.5
 0.00000E+00   0.00000E+00   0.00000E+00
 927       0       0   0.00000E+00   0.00000E+00   -7875.0
 0.00000E+00   0.00000E+00   0.00000E+00
 928       0       0   0.00000E+00   0.00000E+00   -7437.5
 0.00000E+00   0.00000E+00   0.00000E+00
 929       0       0   0.00000E+00   0.00000E+00   -7000.0
 0.00000E+00   0.00000E+00   0.00000E+00
 930     932       1   0.00000E+00   0.00000E+00   -7000.0
 0.00000E+00   0.00000E+00   0.00000E+00
 933       0       0   0.00000E+00   0.00000E+00   -7000.0
 0.00000E+00   0.00000E+00   0.00000E+00
 934       0       0   0.00000E+00   0.00000E+00   -3500.0
 0.00000E+00   0.00000E+00   0.00000E+00

     NUMBER OF LOADED NODES OR ELEMENTS          =          513
     LARGEST NODE OR ELEMENT NUMBER              =          934



     DATA STORAGE LOCATIONS USED                 =         3389



     E L E M E N T   O U T P U T
```

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

| FIRST ELT OUTPUT | LAST ELT GROUP | DIFF HISTORY RNCE CONTROL | OUTPUT PLOT FILE CONTROL | AVERAGED NODAL VALUES | NODAL FORCE GROUP |
|---|---|---|---|---|---|
| 1 | 1005 | 1 | 0 | 0 | |
| 0 | | 0 | 0 | | |

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1005
LARGEST ELEMENT NUMBER INPUT = 1005
LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFF RNCE | OUTPUT CONTROL | HISTORY CONTROL |
|---|---|---|---|---|
| 1 | 1500 | 1 | 0 | 0 |

TOTAL NUMBER OF NODE OUTPUT SETS = 1
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 1500
LARGEST NODE OUTPUT CONTROL NUMBER = 0
LARGEST NODE HISTORY CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 0

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS = 1005
TOTAL NUMBER OF CONSTRAINTS = 0
TOTAL NUMBER OF NODES = 1500
TOTAL NUMBER OF SUPPORT NODES = 3
TOTAL NUMBER OF LOADING CASES = 1

LOCATIONS USED DURING DATA PROCESSING = 78681287
LOCATIONS AVAILABLE = 98304000

TIME USED TO PROCESS INPUT DATA = 0.43500 SEC.

TIME AT CENTRAL PROCESSOR = 9:56:39 ON 16/04/21 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1901
INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 448

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTYP PROCESSOR)

E S T I M A T E O F M O D E L G E O M E T R I C P R O P E R T I E S A N D L O A D I N G

```
MATERIAL      ----------- GEOMETRIC SUMMARY ----------        ELEMENT
------------ CENTRE OF GRAVITY ------------
  SET           LENGTH           AREA         VOLUME           MASS
  X-COORD         Y-COORD         Z-COORD
                  M              sq M          cu M             KG
                  M               M              M

     9       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00    0.000000E+00
     2        8.80000        0.000000E+00     189.358         473395.
     40.0084         5.62500        -6.91155
     4        55.8900        0.000000E+00     20.7025        0.000000E+00
     0.000000E+00    0.000000E+00    0.000000E+00
     8       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00    0.000000E+00
    10       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
    0.000000E+00    0.000000E+00    0.000000E+00
     3        60.3600        0.000000E+00     1.33843        0.000000E+00
     0.000000E+00    0.000000E+00    0.000000E+00
     1        299.550        0.000000E+00     24.8142         194791.
     40.4098         5.62500       -0.205657
    11       0.000000E+00     731.250         219.375         548437.
    40.6231         5.62500       -0.534147E-16
    12       0.000000E+00     22.5000         6.75000         16875.0
    33.0000         5.62500        0.000000E+00
     7       0.000000E+00     135.000         40.5000         101250.
     40.0000         5.62500        0.000000E+00
    13       0.000000E+00     22.5000         6.75000         16875.0
    47.0000         5.62500        0.000000E+00
TOTALS FOR
STRUCTURE     424.600         911.250         509.588        0.135162E+07
40.3148         5.62500        -2.45035


MATERIAL      ------------ MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH
ORIGIN AT (0,0,0) ------------
  SET             Ixx             Iyy             Izz             Ixy
  Iyz             Ixz
                KG  M   **2     KG  M   **2     KG  M   **2     KG  M   **2
                KG  M   **2     KG  M   **2

     9       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     2       0.391100E+08    0.794838E+09    0.785942E+09   -0.106536E+09
     0.184044E+08    0.130886E+09
     4       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     8       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
    10       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
    0.000000E+00    0.000000E+00
     3       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     1       0.805250E+07    0.420141E+09    0.428105E+09   -0.442770E+08
     225338.         0.161495E+07
    11       0.233533E+08    0.127599E+10    0.129935E+10   -0.125321E+09
    0.816470E-10    0.830270E-09
    12        718564.        0.183938E+08    0.191123E+08   -0.313242E+07
    0.000000E+00    0.000000E+00
     7       0.431138E+07    0.163257E+09    0.167569E+09   -0.227813E+08
     0.000000E+00    0.000000E+00
    13        718564.        0.372937E+08    0.380123E+08   -0.446133E+07
    0.000000E+00    0.000000E+00
TOTALS FOR
STRUCTURE    0.762644E+08    0.270992E+10    0.273809E+10   -0.306509E+09
0.186298E+08    0.132501E+09


MATERIAL      ------------ MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH
ORIGINS AT CENTROIDS ---------
  SET             Ixx             Iyy             Izz             Ixy
```

| | Iyz | Ixz | | |
|---|---|---|---|---|
| | KG M **2 | KG M **2 | KG M **2 | KG M **2 |
| | KG M **2 | KG M **2 | | |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| | 0.000000E+00 | 0.000000E+00 | | |
| 2 | 0.151764E+07 | 0.144723E+08 | 0.132113E+08 | -0.149012E-07 |
| | 0.745058E-08 | -17391.7 | | |
| 4 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| | 0.000000E+00 | 0.000000E+00 | | |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| | 0.000000E+00 | 0.000000E+00 | | |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| | 0.000000E+00 | 0.000000E+00 | | |
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| | 0.000000E+00 | 0.000000E+00 | | |
| 1 | 0.188095E+07 | 0.102048E+09 | 0.103858E+09 | -0.149012E-07 |
| | 0.232831E-09 | -3870.89 | | |
| 11 | 0.600042E+07 | 0.370941E+09 | 0.376942E+09 | 0.000000E+00 |
| | -0.831353E-10 | -0.359768E-09 | | |
| 12 | 184628. | 16875.0 | 201503. | -0.465661E-09 |
| | 0.000000E+00 | 0.000000E+00 | | |
| 7 | 0.110777E+07 | 0.125750E+07 | 0.236527E+07 | 0.149012E-07 |
| | 0.000000E+00 | 0.000000E+00 | | |
| 13 | 184628. | 16875.0 | 201503. | 0.000000E+00 |
| | 0.000000E+00 | 0.000000E+00 | | |
| TOTALS FOR STRUCTURE | 0.253827E+08 | 0.505025E+09 | 0.498544E+09 | 0.000000E+00 |
| 0.372529E-08 | -0.101998E+07 | | | |

MATERIAL ---------- PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES ----------

| SET | I 11 | I 22 | I 33 | |
|---|---|---|---|---|
| | PRINCIPAL DIRECTIONS | | | |
| | KG M **2 | KG M **2 | KG M **2 | |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | ( 1.00, 0.00, 0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00) |
| 2 | 0.144723E+08 | 0.132113E+08 | 0.151762E+07 | (-0.00, 1.00, 0.00)(-0.00,-0.00, 1.00)( 1.00, 0.00, 0.00) |
| 4 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | ( 1.00, 0.00, 0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00) |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | ( 1.00, 0.00, 0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00) |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | ( 1.00, 0.00, 0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00) |
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | ( 1.00, 0.00, 0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00) |
| 1 | 0.103858E+09 | 0.102048E+09 | 0.188095E+07 | (-0.00, 0.00, 1.00)( 0.00, 1.00, 0.00)( 1.00, 0.00, 0.00) |
| 11 | 0.376942E+09 | 0.370941E+09 | 0.600042E+07 | (-0.00, 0.00, 1.00)( 0.00, 1.00, 0.00)( 1.00, 0.00, 0.00) |
| 12 | 201503. | 184628. | 16875.0 | ( 0.00, 0.00, 1.00)( 1.00,-0.00, 0.00)( 0.00, 1.00, 0.00) |
| 7 | 0.236527E+07 | 0.125750E+07 | 0.110777E+07 | ( 0.00, 0.00, 1.00)( 0.00, 1.00, 0.00)( 1.00,-0.00, 0.00) |
| 13 | 201503. | 184628. | 16875.0 | ( 0.00, 0.00, 1.00)( 1.00, 0.00, 0.00)( 0.00, 1.00, 0.00) |
| TOTALS FOR STRUCTURE | 0.505025E+09 | 0.498547E+09 | 0.253805E+08 | ( 0.00, 1.00, 0.00)(-0.00, 0.00, 1.00)( 1.00, 0.00, 0.00) |

FORCE ------------------- RESULTANT APPLIED LOAD AT ORIGIN IN GLOBAL DIRECTIONS ------------------

| OUTPUT GROUP | Fx | Fy | Fz | Mx | My | Mz |
|---|---|---|---|---|---|---|
| | N | N | N | N .M | N .M | |

LOAD CASE 7

TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.317844E+07 -0.178787E+08
0.128727E+09 0.000000E+00

AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS AND BEAMS) = 1.388
AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2540

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.17000E-01 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 102279

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 427362
LOCATIONS AVAILABLE = 98304000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 5604
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 5604
TOTAL NO. OF EQUATIONS = 5604
TOTAL NO. OF ACTIVE NODES = 934

NUMBER OF ELEMENT GROUPS = 33
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 32

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 20601
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 15523
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 6002
TOTAL SIZE OF ELEMENT DATA RECORDS = 405530
TOTAL SIZE OF ELEMENT RESULT RECORDS = 371162
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 34741
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 164667

TIME FOR PRE-SOLUTION PROCESS = 0.41000 SEC.
(ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 9:56:40 ON 16/04/21 (DAY/MTH/YR)

S O L U T I O N B Y F R O N T A L S P A R S E M A T R I X T E C H N I Q U E

TIME FOR EQUATION REORDERING = 0.01 SEC.

IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED = 521865 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

= Multifrontal statistics =

| | |
|---|---|
| number of equations | 5586 |
| no. of nonzeroes in lower triangle of a | 96693 |
| number of compressed nodes | 931 |
| no. of compressed nonzeroes in l. tri. | 2298 |
| amount of workspace currently in use | 459515 |
| max. amt. of workspace used | 98136998 |
| no. of nonzeroes in the factor l | 281841. |
| number of super nodes | 494 |
| number of compressed subscripts | 17004 |
| size of stack storage | 27624 |
| maximum order of a front matrix | 180 |
| maximum size of a front matrix | 16290 |
| maximum size of a front trapezoid | 14679 |
| no. of floating point ops for factor | 2.5641D+07 |
| no. of floating point ops for solve | 1.1553D+06 |
| actual no. of nonzeroes in the factor l | 281841. |
| actual number of compressed subscripts | 17004 |
| actual size of stack storage used | 51636 |

```
    near zero pivot monitoring activated
    number of pivots adjusted                =              0.
    negative pivot monitoring activated
    number of negative pivots encountered    =              0.
    factorization panel size                 =            128
    factorization update panel size          =             32
    solution block size                      =              8

    time (in seconds) for structure input    =       0.006000
    time (in seconds) for ordering           =       0.008000
    time (in seconds) for symbolic factor    =       0.004000
    time (in seconds) for value input        =       0.004000

    number of cpus used for factor & solve   =              2
    time (in seconds) for numeric factor     =       0.024000
    computational rate (mflops) for factor   =    1068.368028
    condition number estimate                =     4.2190D+11

    time (in seconds) for numeric solve      =       0.002000
    computational rate (mflops) for solve    =     577.688870

    i/o statistics:   unit number        length         amount
                                        (Mbytes)       (Mbytes)
                      -----------       --------       --------

                                31.           0.14           0.34
NUMBER OF POSITIVE EIGENVALUES                          =
5586
NUMBER OF NEGATIVE EIGENVALUES                          =
0

AMOUNT OF DISK SPACE USED                               =
0.14 MB
DETERMINANT OF STIFFNESS MATRIX                         =
2.537E+50935

SMALLEST PIVOT ENCOUNTERED WAS   645.152     AT NODE      449,
FREEDOM  6
LARGEST PIVOT ENCOUNTERED WAS   0.226672E+15 AT NODE       12,
FREEDOM  4
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION              =
0.31108E-16


TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION
=  0.52000E-01 SEC.
TOTAL ELAPSED TIME USED SOLVING EQUATIONS
=   0 HRS  0 MINS  0 SECS


LOCATIONS USED DURING POST-SOLUTION PROCESS =        415917
LOCATIONS AVAILABLE                         =      98304000

ACTUAL TOTAL NO. EDGES IN STRUCTURE        =    1405
ACTUAL TOTAL NO. FACES IN STRUCTURE        =     448

TIME FOR POST-SOLUTION PROCESS              =  0.11000     SEC.

TOTAL CPU TIME USED FOR SOLUTION           =   1.0070     SEC.

TOTAL ELAPSED TIME USED FOR SOLUTION       =   0 HRS  0 MINS  1
SECS

TIME AT CENTRAL PROCESSOR =  9:56:40 ON 16/04/21 (DAY/MTH/YR)



I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit     Disk Page     Calls to     Buffered     Disk
Page Table   Peak File
Name          Size (Bytes)  I/O Routines Transfers    Accesses
Swaps        Size (Mbytes)
```

```
          PROBLEM          16384          592         1396            0
          0     0.1562500E-01
          FRONTAL          16384            0            0            0
          0     0.1562500E-01
          SHAPES           16384           57           94            0
          0     0.1562500E-01
          PLOT             16384         1024         1237            0
          0      3.406250
          RESTART              0            0            0            0
          0     0.0000000E+00
 ***LUSAS RUN SUCCESSFULLY COMPLETED***
```

TIME AT CENTRAL PROCESSOR = 9:56:41 ON 16/04/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| NLPZ | 98304000 |
| NPGS | 960 |
| MXELGP | 32 |

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| IDTIME | 1 |

```
LL        UU    UU   SSSSSS     AAAA     SSSSSS
LL        UU    UU  SS    SS   AA  AA   SS    SS
LL        UU    UU  SS        AA    AA  SS
LL        UU    UU   SSSSS    AAAAAAAA   SSSSS
LL        UU    UU    SSSSS   AAAAAAAA    SSSSS
LL        UU    UU        SS  AA    AA        SS
LLLLLLLL  UU    UU  SS    SS  AA    AA  SS    SS
LLLLLLLL   UUUUUU    SSSSSS   AA    AA   SSSSSS
```

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
Forge House,
66 High Street,
Kingston upon Thames,
Surrey, KT1 1HN, UK
www.lusas.com

Sales Enquiries: Tel +44 (0)20 8541 1999
Fax +44 (0)20 8549 9399
Email: info@lusas.com

Customer Support: Tel +44 (0)20 3325 0440
Fax +44 (0)20 8549 9399
Email: support@lusas.com

This is a BETA Version of the Code supplied for TEST purposes only.
This Version has passed all the standard QA Checks, but has not undergone
field testing.
The documentation may be incomplete, file formats and commands may be
changed for the Final Release.

KeyID 10035 licensed on PC processor. Expires 1-07-2021
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
Input file : C:\PROJECTS\CT-RG\Barbaianni\modelli\LUSASFiles32\Barbaianni_Impalcato\Barbaiann

i_Impalcato~Fase2b.dat

Number of processors available : 4
Maximum number of threads available : 4

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 9:56:43 ON 16/04/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M KG S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES

O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION

O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS

O P T I O N(S) 123 CLOCKWISE NODE NUMBERING

O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM

O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS

O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER

O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES

O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER

O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS

O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES

O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT

O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY

O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES

O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS

O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)

O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3

O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER

O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| JSH4 | ELEMENTS | | | |
| 1 | 1 | 2 | 1495 | 1496 |
| 9 | 9 | 10 | 1497 | 1498 |
| 10 | 13 | 12 | 1499 | 1500 |
| 20 | 18 | 17 | 1487 | 1488 |
| 21 | 28 | 29 | 1485 | 1486 |
| 22 | 39 | 40 | 1491 | 1492 |
| 23 | 42 | 41 | 1489 | 1490 |
| 24 | 52 | 53 | 1483 | 1484 |
| 25 | 63 | 64 | 1493 | 1494 |

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| QTS4 | ELEMENTS | | | |
| 446 | 422 | 423 | 480 | 479 |
| 447 | 423 | 424 | 481 | 480 |
| 448 | 424 | 425 | 482 | 481 |
| 449 | 425 | 426 | 483 | 482 |
| 450 | 426 | 427 | 484 | 483 |
| 451 | 427 | 428 | 485 | 484 |
| 452 | 428 | 429 | 486 | 485 |
| 453 | 429 | 430 | 487 | 486 |
| 454 | 430 | 431 | 488 | 487 |
| 455 | 431 | 432 | 489 | 488 |
| 456 | 432 | 433 | 490 | 489 |
| 457 | 433 | 434 | 491 | 490 |
| 458 | 434 | 435 | 492 | 491 |
| 459 | 435 | 436 | 493 | 492 |
| 460 | 436 | 437 | 494 | 493 |
| 461 | 437 | 438 | 495 | 494 |
| 462 | 438 | 439 | 496 | 495 |
| 463 | 439 | 440 | 497 | 496 |
| 464 | 440 | 441 | 498 | 497 |
| 465 | 441 | 442 | 499 | 498 |
| 466 | 442 | 443 | 500 | 499 |
| 467 | 443 | 444 | 501 | 500 |
| 468 | 444 | 445 | 502 | 501 |
| 469 | 445 | 446 | 503 | 502 |
| 470 | 446 | 447 | 504 | 503 |
| 471 | 447 | 448 | 505 | 504 |
| 472 | 448 | 449 | 506 | 505 |
| 473 | 449 | 450 | 507 | 506 |
| 474 | 450 | 451 | 508 | 507 |
| 475 | 451 | 452 | 509 | 508 |
| 476 | 452 | 453 | 510 | 509 |
| 477 | 453 | 454 | 511 | 510 |
| 478 | 454 | 455 | 512 | 511 |
| 479 | 455 | 456 | 513 | 512 |
| 480 | 456 | 457 | 514 | 513 |
| 481 | 457 | 458 | 515 | 514 |
| 482 | 458 | 459 | 516 | 515 |
| 483 | 459 | 460 | 517 | 516 |
| 484 | 460 | 461 | 518 | 517 |
| 485 | 461 | 462 | 519 | 518 |
| 486 | 462 | 463 | 520 | 519 |
| 487 | 463 | 464 | 521 | 520 |
| 488 | 464 | 465 | 522 | 521 |
| 489 | 465 | 466 | 523 | 522 |

| | | | | |
|---|---|---|---|---|
| 490 | 466 | 467 | 524 | 523 |
| 491 | 467 | 468 | 525 | 524 |
| 492 | 468 | 469 | 526 | 525 |
| 493 | 469 | 470 | 527 | 526 |
| 494 | 470 | 471 | 528 | 527 |
| 495 | 471 | 472 | 529 | 528 |
| 496 | 472 | 473 | 530 | 529 |
| 497 | 473 | 474 | 531 | 530 |
| 498 | 474 | 475 | 532 | 531 |
| 499 | 475 | 476 | 533 | 532 |
| 500 | 476 | 477 | 534 | 533 |
| 501 | 477 | 478 | 535 | 534 |
| 502 | 479 | 480 | 537 | 536 |
| 503 | 480 | 481 | 538 | 537 |
| 504 | 481 | 482 | 539 | 538 |
| 505 | 482 | 483 | 540 | 539 |
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| 545 | 522 | 523 | 580 | 579 |
| 546 | 523 | 524 | 581 | 580 |
| 547 | 524 | 525 | 582 | 581 |
| 548 | 525 | 526 | 583 | 582 |
| 549 | 526 | 527 | 584 | 583 |
| 550 | 527 | 528 | 585 | 584 |
| 551 | 528 | 529 | 586 | 585 |
| 552 | 529 | 530 | 587 | 586 |
| 553 | 530 | 531 | 588 | 587 |
| 554 | 531 | 532 | 589 | 588 |
| 555 | 532 | 533 | 590 | 589 |
| 556 | 533 | 534 | 591 | 590 |
| 557 | 534 | 535 | 592 | 591 |
| 614 | 536 | 537 | 594 | 593 |
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| 617 | 539 | 540 | 597 | 596 |
| 618 | 540 | 541 | 598 | 597 |

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|---|---|---|---|---|
| 619 | 541 | 542 | 599 | 598 |
| 620 | 542 | 543 | 600 | 599 |
| 621 | 543 | 544 | 601 | 600 |
| 622 | 544 | 545 | 602 | 601 |
| 623 | 545 | 546 | 603 | 602 |
| 624 | 546 | 547 | 604 | 603 |
| 625 | 547 | 548 | 605 | 604 |
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| 637 | 559 | 560 | 617 | 616 |
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| 658 | 580 | 581 | 638 | 637 |
| 659 | 581 | 582 | 639 | 638 |
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| 669 | 591 | 592 | 649 | 648 |
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| 671 | 594 | 595 | 652 | 651 |
| 672 | 595 | 596 | 653 | 652 |
| 673 | 596 | 597 | 654 | 653 |
| 674 | 597 | 598 | 655 | 654 |
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| 678 | 601 | 602 | 659 | 658 |
| 679 | 602 | 603 | 660 | 659 |
| 680 | 603 | 604 | 661 | 660 |
| 681 | 604 | 605 | 662 | 661 |
| 682 | 605 | 606 | 663 | 662 |
| 683 | 606 | 607 | 664 | 663 |
| 684 | 607 | 608 | 665 | 664 |
| 685 | 608 | 609 | 666 | 665 |
| 686 | 609 | 610 | 667 | 666 |
| 687 | 610 | 611 | 668 | 667 |
| 688 | 611 | 612 | 669 | 668 |
| 689 | 612 | 613 | 670 | 669 |
| 690 | 613 | 614 | 671 | 670 |
| 691 | 614 | 615 | 672 | 671 |

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| 694 | 617 | 618 | 675 | 674 |
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| 697 | 620 | 621 | 678 | 677 |
| 698 | 621 | 622 | 679 | 678 |
| 699 | 622 | 623 | 680 | 679 |
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| 701 | 624 | 625 | 682 | 681 |
| 702 | 625 | 626 | 683 | 682 |
| 703 | 626 | 627 | 684 | 683 |
| 704 | 627 | 628 | 685 | 684 |
| 705 | 628 | 629 | 686 | 685 |
| 706 | 629 | 630 | 687 | 686 |
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| 708 | 631 | 632 | 689 | 688 |
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| 712 | 635 | 636 | 693 | 692 |
| 713 | 636 | 637 | 694 | 693 |
| 714 | 637 | 638 | 695 | 694 |
| 715 | 638 | 639 | 696 | 695 |
| 716 | 639 | 640 | 697 | 696 |
| 717 | 640 | 641 | 698 | 697 |
| 718 | 641 | 642 | 699 | 698 |
| 719 | 642 | 643 | 700 | 699 |
| 720 | 643 | 644 | 701 | 700 |
| 721 | 644 | 645 | 702 | 701 |
| 722 | 645 | 646 | 703 | 702 |
| 723 | 646 | 647 | 704 | 703 |
| 724 | 647 | 648 | 705 | 704 |
| 725 | 648 | 649 | 706 | 705 |
| 726 | 650 | 651 | 708 | 707 |
| 727 | 651 | 652 | 709 | 708 |
| 728 | 652 | 653 | 710 | 709 |
| 729 | 653 | 654 | 711 | 710 |
| 730 | 654 | 655 | 712 | 711 |
| 731 | 655 | 656 | 713 | 712 |
| 732 | 656 | 657 | 714 | 713 |
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| 734 | 658 | 659 | 716 | 715 |
| 735 | 659 | 660 | 717 | 716 |
| 736 | 660 | 661 | 718 | 717 |
| 737 | 661 | 662 | 719 | 718 |
| 738 | 662 | 663 | 720 | 719 |
| 739 | 663 | 664 | 721 | 720 |
| 740 | 664 | 665 | 722 | 721 |
| 741 | 665 | 666 | 723 | 722 |
| 742 | 666 | 667 | 724 | 723 |
| 743 | 667 | 668 | 725 | 724 |
| 744 | 668 | 669 | 726 | 725 |
| 745 | 669 | 670 | 727 | 726 |
| 746 | 670 | 671 | 728 | 727 |
| 747 | 671 | 672 | 729 | 728 |
| 748 | 672 | 673 | 730 | 729 |
| 749 | 673 | 674 | 731 | 730 |
| 750 | 674 | 675 | 732 | 731 |
| 751 | 675 | 676 | 733 | 732 |
| 752 | 676 | 677 | 734 | 733 |
| 753 | 677 | 678 | 735 | 734 |
| 754 | 678 | 679 | 736 | 735 |
| 755 | 679 | 680 | 737 | 736 |
| 756 | 680 | 681 | 738 | 737 |
| 757 | 681 | 682 | 739 | 738 |
| 758 | 682 | 683 | 740 | 739 |
| 759 | 683 | 684 | 741 | 740 |
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| 761 | 685 | 686 | 743 | 742 |
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| 763 | 687 | 688 | 745 | 744 |
| 764 | 688 | 689 | 746 | 745 |

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| 765 | 689 | 690 | 747 | 746 |
| 766 | 690 | 691 | 748 | 747 |
| 767 | 691 | 692 | 749 | 748 |
| 768 | 692 | 693 | 750 | 749 |
| 769 | 693 | 694 | 751 | 750 |
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| 771 | 695 | 696 | 753 | 752 |
| 772 | 696 | 697 | 754 | 753 |
| 773 | 697 | 698 | 755 | 754 |
| 774 | 698 | 699 | 756 | 755 |
| 775 | 699 | 700 | 757 | 756 |
| 776 | 700 | 701 | 758 | 757 |
| 777 | 701 | 702 | 759 | 758 |
| 778 | 702 | 703 | 760 | 759 |
| 779 | 703 | 704 | 761 | 760 |
| 780 | 704 | 705 | 762 | 761 |
| 781 | 705 | 706 | 763 | 762 |
| 782 | 707 | 708 | 765 | 764 |
| 783 | 708 | 709 | 766 | 765 |
| 784 | 709 | 710 | 767 | 766 |
| 785 | 710 | 711 | 768 | 767 |
| 786 | 711 | 712 | 769 | 768 |
| 787 | 712 | 713 | 770 | 769 |
| 788 | 713 | 714 | 771 | 770 |
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| 790 | 715 | 716 | 773 | 772 |
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| 793 | 718 | 719 | 776 | 775 |
| 794 | 719 | 720 | 777 | 776 |
| 795 | 720 | 721 | 778 | 777 |
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| 797 | 722 | 723 | 780 | 779 |
| 798 | 723 | 724 | 781 | 780 |
| 799 | 724 | 725 | 782 | 781 |
| 800 | 725 | 726 | 783 | 782 |
| 801 | 726 | 727 | 784 | 783 |
| 802 | 727 | 728 | 785 | 784 |
| 803 | 728 | 729 | 786 | 785 |
| 804 | 729 | 730 | 787 | 786 |
| 805 | 730 | 731 | 788 | 787 |
| 806 | 731 | 732 | 789 | 788 |
| 807 | 732 | 733 | 790 | 789 |
| 808 | 733 | 734 | 791 | 790 |
| 809 | 734 | 735 | 792 | 791 |
| 810 | 735 | 736 | 793 | 792 |
| 811 | 736 | 737 | 794 | 793 |
| 812 | 737 | 738 | 795 | 794 |
| 813 | 738 | 739 | 796 | 795 |
| 814 | 739 | 740 | 797 | 796 |
| 815 | 740 | 741 | 798 | 797 |
| 816 | 741 | 742 | 799 | 798 |
| 817 | 742 | 743 | 800 | 799 |
| 818 | 743 | 744 | 801 | 800 |
| 819 | 744 | 745 | 802 | 801 |
| 820 | 745 | 746 | 803 | 802 |
| 821 | 746 | 747 | 804 | 803 |
| 822 | 747 | 748 | 805 | 804 |
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| 824 | 749 | 750 | 807 | 806 |
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| 831 | 756 | 757 | 814 | 813 |
| 832 | 757 | 758 | 815 | 814 |
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| 837 | 762 | 763 | 820 | 819 |

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| 894 | 764 | 765 | 822 | 821 |
| 895 | 765 | 766 | 823 | 822 |
| 896 | 766 | 767 | 824 | 823 |
| 897 | 767 | 768 | 825 | 824 |
| 898 | 768 | 769 | 826 | 825 |
| 899 | 769 | 770 | 827 | 826 |
| 900 | 770 | 771 | 828 | 827 |
| 901 | 771 | 772 | 829 | 828 |
| 902 | 772 | 773 | 830 | 829 |
| 903 | 773 | 774 | 831 | 830 |
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| 905 | 775 | 776 | 833 | 832 |
| 906 | 776 | 777 | 834 | 833 |
| 907 | 777 | 778 | 835 | 834 |
| 908 | 778 | 779 | 836 | 835 |
| 909 | 779 | 780 | 837 | 836 |
| 910 | 780 | 781 | 838 | 837 |
| 911 | 781 | 782 | 839 | 838 |
| 912 | 782 | 783 | 840 | 839 |
| 913 | 783 | 784 | 841 | 840 |
| 914 | 784 | 785 | 842 | 841 |
| 915 | 785 | 786 | 843 | 842 |
| 916 | 786 | 787 | 844 | 843 |
| 917 | 787 | 788 | 845 | 844 |
| 918 | 788 | 789 | 846 | 845 |
| 919 | 789 | 790 | 847 | 846 |
| 920 | 790 | 791 | 848 | 847 |
| 921 | 791 | 792 | 849 | 848 |
| 922 | 792 | 793 | 850 | 849 |
| 923 | 793 | 794 | 851 | 850 |
| 924 | 794 | 795 | 852 | 851 |
| 925 | 795 | 796 | 853 | 852 |
| 926 | 796 | 797 | 854 | 853 |
| 927 | 797 | 798 | 855 | 854 |
| 928 | 798 | 799 | 856 | 855 |
| 929 | 799 | 800 | 857 | 856 |
| 930 | 800 | 801 | 858 | 857 |
| 931 | 801 | 802 | 859 | 858 |
| 932 | 802 | 803 | 860 | 859 |
| 933 | 803 | 804 | 861 | 860 |
| 934 | 804 | 805 | 862 | 861 |
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| 936 | 806 | 807 | 864 | 863 |
| 937 | 807 | 808 | 865 | 864 |
| 938 | 808 | 809 | 866 | 865 |
| 939 | 809 | 810 | 867 | 866 |
| 940 | 810 | 811 | 868 | 867 |
| 941 | 811 | 812 | 869 | 868 |
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| 943 | 813 | 814 | 871 | 870 |
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| 945 | 815 | 816 | 873 | 872 |
| 946 | 816 | 817 | 874 | 873 |
| 947 | 817 | 818 | 875 | 874 |
| 948 | 818 | 819 | 876 | 875 |
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| 950 | 821 | 822 | 879 | 878 |
| 951 | 822 | 823 | 880 | 879 |
| 952 | 823 | 824 | 881 | 880 |
| 953 | 824 | 825 | 882 | 881 |
| 954 | 825 | 826 | 883 | 882 |
| 955 | 826 | 827 | 884 | 883 |
| 956 | 827 | 828 | 885 | 884 |
| 957 | 828 | 829 | 886 | 885 |
| 958 | 829 | 830 | 887 | 886 |
| 959 | 830 | 831 | 888 | 887 |
| 960 | 831 | 832 | 889 | 888 |
| 961 | 832 | 833 | 890 | 889 |
| 962 | 833 | 834 | 891 | 890 |
| 963 | 834 | 835 | 892 | 891 |
| 964 | 835 | 836 | 893 | 892 |
| 965 | 836 | 837 | 894 | 893 |
| 966 | 837 | 838 | 895 | 894 |

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|---|---|---|---|---|
| 967 | 838 | 839 | 896 | 895 |
| 968 | 839 | 840 | 897 | 896 |
| 969 | 840 | 841 | 898 | 897 |
| 970 | 841 | 842 | 899 | 898 |
| 971 | 842 | 843 | 900 | 899 |
| 972 | 843 | 844 | 901 | 900 |
| 973 | 844 | 845 | 902 | 901 |
| 974 | 845 | 846 | 903 | 902 |
| 975 | 846 | 847 | 904 | 903 |
| 976 | 847 | 848 | 905 | 904 |
| 977 | 848 | 849 | 906 | 905 |
| 978 | 849 | 850 | 907 | 906 |
| 979 | 850 | 851 | 908 | 907 |
| 980 | 851 | 852 | 909 | 908 |
| 981 | 852 | 853 | 910 | 909 |
| 982 | 853 | 854 | 911 | 910 |
| 983 | 854 | 855 | 912 | 911 |
| 984 | 855 | 856 | 913 | 912 |
| 985 | 856 | 857 | 914 | 913 |
| 986 | 857 | 858 | 915 | 914 |
| 987 | 858 | 859 | 916 | 915 |
| 988 | 859 | 860 | 917 | 916 |
| 989 | 860 | 861 | 918 | 917 |
| 990 | 861 | 862 | 919 | 918 |
| 991 | 862 | 863 | 920 | 919 |
| 992 | 863 | 864 | 921 | 920 |
| 993 | 864 | 865 | 922 | 921 |
| 994 | 865 | 866 | 923 | 922 |
| 995 | 866 | 867 | 924 | 923 |
| 996 | 867 | 868 | 925 | 924 |
| 997 | 868 | 869 | 926 | 925 |
| 998 | 869 | 870 | 927 | 926 |
| 999 | 870 | 871 | 928 | 927 |
| 1000 | 871 | 872 | 929 | 928 |
| 1001 | 872 | 873 | 930 | 929 |
| 1002 | 873 | 874 | 931 | 930 |
| 1003 | 874 | 875 | 932 | 931 |
| 1004 | 875 | 876 | 933 | 932 |
| 1005 | 876 | 877 | 934 | 933 |

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | END CONDITIONS (C=CONSTRAINED,F=FREE,R=RESTRAINED) |
|---|---|---|---|---|
| BMI21 | ELEMENTS | | | |
| 2 | 2 | 3 | 1096 | |
| 3 | 3 | 4 | 1093 | |
| 4 | 4 | 5 | 1094 | |
| 5 | 5 | 11 | 1095 | |
| 6 | 6 | 10 | 1106 | |
| 7 | 11 | 7 | 1092 | |
| 8 | 8 | 12 | 1102 | |
| 11 | 10 | 14 | 1103 | |
| 12 | 15 | 11 | 1091 | |
| 13 | 12 | 16 | 1099 | |
| 14 | 18 | 6 | 1105 | |
| 15 | 28 | 7 | 1098 | |
| 16 | 39 | 8 | 1101 | |
| 17 | 14 | 42 | 1104 | |
| 18 | 52 | 15 | 1097 | |
| 19 | 16 | 63 | 1100 | |
| 26 | 17 | 65 | 1153 | |
| 27 | 29 | 66 | 1173 | |
| 28 | 40 | 67 | 1193 | |
| 29 | 41 | 68 | 1109 | |
| 30 | 53 | 69 | 1129 | |
| 31 | 64 | 70 | 1149 | |
| 32 | 19 | 71 | 1293 | |

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| 33 | 20 | 72 | 1157 |
| 34 | 21 | 73 | 1313 |
| 35 | 22 | 74 | 1161 |
| 36 | 23 | 75 | 1333 |
| 37 | 24 | 76 | 1165 |
| 38 | 25 | 77 | 1353 |
| 39 | 26 | 78 | 1169 |
| 40 | 27 | 79 | 1373 |
| 41 | 30 | 80 | 1393 |
| 42 | 31 | 81 | 1177 |
| 43 | 32 | 82 | 1413 |
| 44 | 33 | 83 | 1181 |
| 45 | 34 | 84 | 1433 |
| 46 | 35 | 85 | 1185 |
| 47 | 36 | 86 | 1453 |
| 48 | 37 | 87 | 1189 |
| 49 | 38 | 88 | 1473 |
| 50 | 43 | 89 | 1289 |
| 51 | 44 | 90 | 1113 |
| 52 | 45 | 91 | 1309 |
| 53 | 46 | 92 | 1117 |
| 54 | 47 | 93 | 1329 |
| 55 | 48 | 94 | 1121 |
| 56 | 49 | 95 | 1349 |
| 57 | 50 | 96 | 1125 |
| 58 | 51 | 97 | 1369 |
| 59 | 54 | 98 | 1389 |
| 60 | 55 | 99 | 1133 |
| 61 | 56 | 100 | 1409 |
| 62 | 57 | 101 | 1137 |
| 63 | 58 | 102 | 1429 |
| 64 | 59 | 103 | 1141 |
| 65 | 60 | 104 | 1449 |
| 66 | 61 | 105 | 1145 |
| 67 | 62 | 106 | 1469 |
| 68 | 65 | 107 | 1154 |
| 69 | 66 | 108 | 1174 |
| 70 | 67 | 109 | 1194 |
| 71 | 68 | 110 | 1110 |
| 72 | 69 | 111 | 1130 |
| 73 | 70 | 112 | 1150 |
| 74 | 71 | 113 | 1294 |
| 75 | 72 | 114 | 1158 |
| 76 | 73 | 115 | 1314 |
| 77 | 74 | 116 | 1162 |
| 78 | 75 | 117 | 1334 |
| 79 | 76 | 118 | 1166 |
| 80 | 77 | 119 | 1354 |
| 81 | 78 | 120 | 1170 |
| 82 | 79 | 121 | 1374 |
| 83 | 80 | 122 | 1394 |
| 84 | 81 | 123 | 1178 |
| 85 | 82 | 124 | 1414 |
| 86 | 83 | 125 | 1182 |
| 87 | 84 | 126 | 1434 |
| 88 | 85 | 127 | 1186 |
| 89 | 86 | 128 | 1454 |
| 90 | 87 | 129 | 1190 |
| 91 | 88 | 130 | 1474 |
| 92 | 89 | 131 | 1290 |
| 93 | 90 | 132 | 1114 |
| 94 | 91 | 133 | 1310 |
| 95 | 92 | 134 | 1118 |
| 96 | 93 | 135 | 1330 |
| 97 | 94 | 136 | 1122 |
| 98 | 95 | 137 | 1350 |
| 99 | 96 | 138 | 1126 |
| 100 | 97 | 139 | 1370 |
| 101 | 98 | 140 | 1390 |
| 102 | 99 | 141 | 1134 |
| 103 | 100 | 142 | 1410 |
| 104 | 101 | 143 | 1138 |
| 105 | 102 | 144 | 1430 |

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| 107 | 104 | 146 | 1450 |
| 108 | 105 | 147 | 1146 |
| 109 | 106 | 148 | 1470 |
| 110 | 107 | 149 | 1151 |
| 111 | 108 | 150 | 1171 |
| 112 | 109 | 151 | 1191 |
| 113 | 110 | 152 | 1107 |
| 114 | 111 | 153 | 1127 |
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| 116 | 113 | 155 | 1291 |
| 117 | 114 | 156 | 1155 |
| 118 | 115 | 157 | 1311 |
| 119 | 116 | 158 | 1159 |
| 120 | 117 | 159 | 1331 |
| 121 | 118 | 160 | 1163 |
| 122 | 119 | 161 | 1351 |
| 123 | 120 | 162 | 1167 |
| 124 | 121 | 163 | 1371 |
| 125 | 122 | 164 | 1391 |
| 126 | 123 | 165 | 1175 |
| 127 | 124 | 166 | 1411 |
| 128 | 125 | 167 | 1179 |
| 129 | 126 | 168 | 1431 |
| 130 | 127 | 169 | 1183 |
| 131 | 128 | 170 | 1451 |
| 132 | 129 | 171 | 1187 |
| 133 | 130 | 172 | 1471 |
| 134 | 131 | 173 | 1287 |
| 135 | 132 | 174 | 1111 |
| 136 | 133 | 175 | 1307 |
| 137 | 134 | 176 | 1115 |
| 138 | 135 | 177 | 1327 |
| 139 | 136 | 178 | 1119 |
| 140 | 137 | 179 | 1347 |
| 141 | 138 | 180 | 1123 |
| 142 | 139 | 181 | 1367 |
| 143 | 140 | 182 | 1387 |
| 144 | 141 | 183 | 1131 |
| 145 | 142 | 184 | 1407 |
| 146 | 143 | 185 | 1135 |
| 147 | 144 | 186 | 1427 |
| 148 | 145 | 187 | 1139 |
| 149 | 146 | 188 | 1447 |
| 150 | 147 | 189 | 1143 |
| 151 | 148 | 190 | 1467 |
| 152 | 149 | 191 | 1152 |
| 153 | 150 | 201 | 1172 |
| 154 | 151 | 211 | 1192 |
| 155 | 152 | 275 | 1108 |
| 156 | 153 | 285 | 1128 |
| 157 | 154 | 295 | 1148 |
| 158 | 155 | 192 | 1292 |
| 159 | 156 | 193 | 1156 |
| 160 | 157 | 194 | 1312 |
| 161 | 158 | 195 | 1160 |
| 162 | 159 | 196 | 1332 |
| 163 | 160 | 197 | 1164 |
| 164 | 161 | 198 | 1352 |
| 165 | 162 | 199 | 1168 |
| 166 | 163 | 200 | 1372 |
| 167 | 164 | 202 | 1392 |
| 168 | 165 | 203 | 1176 |
| 169 | 166 | 204 | 1412 |
| 170 | 167 | 205 | 1180 |
| 171 | 168 | 206 | 1432 |
| 172 | 169 | 207 | 1184 |
| 173 | 170 | 208 | 1452 |
| 174 | 171 | 209 | 1188 |
| 175 | 172 | 210 | 1472 |
| 176 | 173 | 276 | 1288 |
| 177 | 174 | 277 | 1112 |
| 178 | 175 | 278 | 1308 |

| | | | |
|---|---|---|---|
| 179 | 176 | 279 | 1116 |
| 180 | 177 | 280 | 1328 |
| 181 | 178 | 281 | 1120 |
| 182 | 179 | 282 | 1348 |
| 183 | 180 | 283 | 1124 |
| 184 | 181 | 284 | 1368 |
| 185 | 182 | 286 | 1388 |
| 186 | 183 | 287 | 1132 |
| 187 | 184 | 288 | 1408 |
| 188 | 185 | 289 | 1136 |
| 189 | 186 | 290 | 1428 |
| 190 | 187 | 291 | 1140 |
| 191 | 188 | 292 | 1448 |
| 192 | 189 | 293 | 1144 |
| 193 | 190 | 294 | 1468 |
| 194 | 191 | 212 | 1047 |
| 195 | 192 | 213 | 1283 |
| 196 | 193 | 214 | 1051 |
| 197 | 194 | 215 | 1303 |
| 198 | 195 | 216 | 1055 |
| 199 | 196 | 217 | 1323 |
| 200 | 197 | 218 | 1059 |
| 201 | 198 | 219 | 1343 |
| 202 | 199 | 220 | 1063 |
| 203 | 200 | 221 | 1363 |
| 204 | 201 | 222 | 1067 |
| 205 | 202 | 223 | 1383 |
| 206 | 203 | 224 | 1071 |
| 207 | 204 | 225 | 1403 |
| 208 | 205 | 226 | 1075 |
| 209 | 206 | 227 | 1423 |
| 210 | 207 | 228 | 1079 |
| 211 | 208 | 229 | 1443 |
| 212 | 209 | 230 | 1083 |
| 213 | 210 | 231 | 1463 |
| 214 | 211 | 232 | 1087 |
| 215 | 212 | 233 | 1048 |
| 216 | 213 | 234 | 1284 |
| 217 | 214 | 235 | 1052 |
| 218 | 215 | 236 | 1304 |
| 219 | 216 | 237 | 1056 |
| 220 | 217 | 238 | 1324 |
| 221 | 218 | 239 | 1060 |
| 222 | 219 | 240 | 1344 |
| 223 | 220 | 241 | 1064 |
| 224 | 221 | 242 | 1364 |
| 225 | 222 | 243 | 1068 |
| 226 | 223 | 244 | 1384 |
| 227 | 224 | 245 | 1072 |
| 228 | 225 | 246 | 1404 |
| 229 | 226 | 247 | 1076 |
| 230 | 227 | 248 | 1424 |
| 231 | 228 | 249 | 1080 |
| 232 | 229 | 250 | 1444 |
| 233 | 230 | 251 | 1084 |
| 234 | 231 | 252 | 1464 |
| 235 | 232 | 253 | 1088 |
| 236 | 233 | 254 | 1049 |
| 237 | 234 | 255 | 1285 |
| 238 | 235 | 256 | 1053 |
| 239 | 236 | 257 | 1305 |
| 240 | 237 | 258 | 1057 |
| 241 | 238 | 259 | 1325 |
| 242 | 239 | 260 | 1061 |
| 243 | 240 | 261 | 1345 |
| 244 | 241 | 262 | 1065 |
| 245 | 242 | 263 | 1365 |
| 246 | 243 | 264 | 1069 |
| 247 | 244 | 265 | 1385 |
| 248 | 245 | 266 | 1073 |
| 249 | 246 | 267 | 1405 |
| 250 | 247 | 268 | 1077 |
| 251 | 248 | 269 | 1425 |

| | | | |
|---|---|---|---|
| 252 | 249 | 270 | 1081 |
| 253 | 250 | 271 | 1445 |
| 254 | 251 | 272 | 1085 |
| 255 | 252 | 273 | 1465 |
| 256 | 253 | 274 | 1089 |
| 257 | 254 | 275 | 1050 |
| 258 | 255 | 276 | 1286 |
| 259 | 256 | 277 | 1054 |
| 260 | 257 | 278 | 1306 |
| 261 | 258 | 279 | 1058 |
| 262 | 259 | 280 | 1326 |
| 263 | 260 | 281 | 1062 |
| 264 | 261 | 282 | 1346 |
| 265 | 262 | 283 | 1066 |
| 266 | 263 | 284 | 1366 |
| 267 | 264 | 285 | 1070 |
| 268 | 265 | 286 | 1386 |
| 269 | 266 | 287 | 1074 |
| 270 | 267 | 288 | 1406 |
| 271 | 268 | 289 | 1078 |
| 272 | 269 | 290 | 1426 |
| 273 | 270 | 291 | 1082 |
| 274 | 271 | 292 | 1446 |
| 275 | 272 | 293 | 1086 |
| 276 | 273 | 294 | 1466 |
| 277 | 274 | 295 | 1090 |
| 278 | 192 | 296 | 1301 |
| 279 | 193 | 297 | 1245 |
| 280 | 194 | 298 | 1321 |
| 281 | 195 | 299 | 1249 |
| 282 | 196 | 300 | 1341 |
| 283 | 197 | 301 | 1253 |
| 284 | 198 | 302 | 1361 |
| 285 | 199 | 303 | 1257 |
| 286 | 200 | 304 | 1381 |
| 287 | 202 | 305 | 1401 |
| 288 | 203 | 306 | 1265 |
| 289 | 204 | 307 | 1421 |
| 290 | 205 | 308 | 1269 |
| 291 | 206 | 309 | 1441 |
| 292 | 207 | 310 | 1273 |
| 293 | 208 | 311 | 1461 |
| 294 | 209 | 312 | 1277 |
| 295 | 210 | 313 | 1481 |
| 296 | 276 | 314 | 1297 |
| 297 | 277 | 315 | 1201 |
| 298 | 278 | 316 | 1317 |
| 299 | 279 | 317 | 1205 |
| 300 | 280 | 318 | 1337 |
| 301 | 281 | 319 | 1209 |
| 302 | 282 | 320 | 1357 |
| 303 | 283 | 321 | 1213 |
| 304 | 284 | 322 | 1377 |
| 305 | 286 | 323 | 1397 |
| 306 | 287 | 324 | 1221 |
| 307 | 288 | 325 | 1417 |
| 308 | 289 | 326 | 1225 |
| 309 | 290 | 327 | 1437 |
| 310 | 291 | 328 | 1229 |
| 311 | 292 | 329 | 1457 |
| 312 | 293 | 330 | 1233 |
| 313 | 294 | 331 | 1477 |
| 314 | 191 | 332 | 1241 |
| 315 | 201 | 333 | 1261 |
| 316 | 211 | 334 | 1281 |
| 317 | 275 | 335 | 1197 |
| 318 | 285 | 336 | 1217 |
| 319 | 295 | 337 | 1237 |
| 320 | 296 | 338 | 1302 |
| 321 | 297 | 339 | 1246 |
| 322 | 298 | 340 | 1322 |
| 323 | 299 | 341 | 1250 |
| 324 | 300 | 342 | 1342 |

| | | | |
|---|---|---|---|
| 325 | 301 | 343 | 1254 |
| 326 | 302 | 344 | 1362 |
| 327 | 303 | 345 | 1258 |
| 328 | 304 | 346 | 1382 |
| 329 | 305 | 347 | 1402 |
| 330 | 306 | 348 | 1266 |
| 331 | 307 | 349 | 1422 |
| 332 | 308 | 350 | 1270 |
| 333 | 309 | 351 | 1442 |
| 334 | 310 | 352 | 1274 |
| 335 | 311 | 353 | 1462 |
| 336 | 312 | 354 | 1278 |
| 337 | 313 | 355 | 1482 |
| 338 | 314 | 356 | 1298 |
| 339 | 315 | 357 | 1202 |
| 340 | 316 | 358 | 1318 |
| 341 | 317 | 359 | 1206 |
| 342 | 318 | 360 | 1338 |
| 343 | 319 | 361 | 1210 |
| 344 | 320 | 362 | 1358 |
| 345 | 321 | 363 | 1214 |
| 346 | 322 | 364 | 1378 |
| 347 | 323 | 365 | 1398 |
| 348 | 324 | 366 | 1222 |
| 349 | 325 | 367 | 1418 |
| 350 | 326 | 368 | 1226 |
| 351 | 327 | 369 | 1438 |
| 352 | 328 | 370 | 1230 |
| 353 | 329 | 371 | 1458 |
| 354 | 330 | 372 | 1234 |
| 355 | 331 | 373 | 1478 |
| 356 | 332 | 374 | 1242 |
| 357 | 333 | 375 | 1262 |
| 358 | 334 | 376 | 1282 |
| 359 | 335 | 377 | 1198 |
| 360 | 336 | 378 | 1218 |
| 361 | 337 | 379 | 1238 |
| 362 | 338 | 380 | 1299 |
| 363 | 339 | 381 | 1243 |
| 364 | 340 | 382 | 1319 |
| 365 | 341 | 383 | 1247 |
| 366 | 342 | 384 | 1339 |
| 367 | 343 | 385 | 1251 |
| 368 | 344 | 386 | 1359 |
| 369 | 345 | 387 | 1255 |
| 370 | 346 | 388 | 1379 |
| 371 | 347 | 389 | 1399 |
| 372 | 348 | 390 | 1263 |
| 373 | 349 | 391 | 1419 |
| 374 | 350 | 392 | 1267 |
| 375 | 351 | 393 | 1439 |
| 376 | 352 | 394 | 1271 |
| 377 | 353 | 395 | 1459 |
| 378 | 354 | 396 | 1275 |
| 379 | 355 | 397 | 1479 |
| 380 | 356 | 398 | 1295 |
| 381 | 357 | 399 | 1199 |
| 382 | 358 | 400 | 1315 |
| 383 | 359 | 401 | 1203 |
| 384 | 360 | 402 | 1335 |
| 385 | 361 | 403 | 1207 |
| 386 | 362 | 404 | 1355 |
| 387 | 363 | 405 | 1211 |
| 388 | 364 | 406 | 1375 |
| 389 | 365 | 407 | 1395 |
| 390 | 366 | 408 | 1219 |
| 391 | 367 | 409 | 1415 |
| 392 | 368 | 410 | 1223 |
| 393 | 369 | 411 | 1435 |
| 394 | 370 | 412 | 1227 |
| 395 | 371 | 413 | 1455 |
| 396 | 372 | 414 | 1231 |
| 397 | 373 | 415 | 1475 |

| | | | |
|---|---|---|---|
| 398 | 374 | 416 | 1239 |
| 399 | 375 | 417 | 1259 |
| 400 | 376 | 418 | 1279 |
| 401 | 377 | 419 | 1195 |
| 402 | 378 | 420 | 1215 |
| 403 | 379 | 421 | 1235 |
| 404 | 380 | 539 | 1300 |
| 405 | 381 | 542 | 1244 |
| 406 | 382 | 544 | 1320 |
| 407 | 383 | 547 | 1248 |
| 408 | 384 | 550 | 1340 |
| 409 | 385 | 552 | 1252 |
| 410 | 386 | 555 | 1360 |
| 411 | 387 | 558 | 1256 |
| 412 | 388 | 560 | 1380 |
| 413 | 389 | 566 | 1400 |
| 414 | 390 | 568 | 1264 |
| 415 | 391 | 571 | 1420 |
| 416 | 392 | 574 | 1268 |
| 417 | 393 | 577 | 1440 |
| 418 | 394 | 580 | 1272 |
| 419 | 395 | 583 | 1460 |
| 420 | 396 | 586 | 1276 |
| 421 | 397 | 589 | 1480 |
| 422 | 398 | 767 | 1296 |
| 423 | 399 | 770 | 1200 |
| 424 | 400 | 772 | 1316 |
| 425 | 401 | 775 | 1204 |
| 426 | 402 | 778 | 1336 |
| 427 | 403 | 780 | 1208 |
| 428 | 404 | 783 | 1356 |
| 429 | 405 | 786 | 1212 |
| 430 | 406 | 788 | 1376 |
| 431 | 407 | 794 | 1396 |
| 432 | 408 | 796 | 1220 |
| 433 | 409 | 799 | 1416 |
| 434 | 410 | 802 | 1224 |
| 435 | 411 | 805 | 1436 |
| 436 | 412 | 808 | 1228 |
| 437 | 413 | 811 | 1456 |
| 438 | 414 | 814 | 1232 |
| 439 | 415 | 817 | 1476 |
| 440 | 416 | 536 | 1240 |
| 441 | 417 | 563 | 1260 |
| 442 | 418 | 592 | 1280 |
| 443 | 419 | 764 | 1196 |
| 444 | 420 | 791 | 1216 |
| 445 | 421 | 820 | 1236 |
| 558 | 536 | 537 | 949 |
| 559 | 537 | 538 | 950 |
| 560 | 538 | 539 | 951 |
| 561 | 539 | 540 | 952 |
| 562 | 540 | 541 | 953 |
| 563 | 541 | 542 | 954 |
| 564 | 542 | 543 | 935 |
| 565 | 543 | 544 | 961 |
| 566 | 544 | 545 | 962 |
| 567 | 545 | 546 | 963 |
| 568 | 546 | 547 | 964 |
| 569 | 547 | 548 | 969 |
| 570 | 548 | 549 | 970 |
| 571 | 549 | 550 | 971 |
| 572 | 550 | 551 | 972 |
| 573 | 551 | 552 | 936 |
| 574 | 552 | 553 | 977 |
| 575 | 553 | 554 | 978 |
| 576 | 554 | 555 | 979 |
| 577 | 555 | 556 | 980 |
| 578 | 556 | 557 | 981 |
| 579 | 557 | 558 | 982 |
| 580 | 558 | 559 | 937 |
| 581 | 559 | 560 | 989 |
| 582 | 560 | 561 | 990 |

| | | | |
|---|---|---|---|
| 583 | 561 | 562 | 991 |
| 584 | 562 | 563 | 992 |
| 585 | 563 | 564 | 997 |
| 586 | 564 | 565 | 998 |
| 587 | 565 | 566 | 999 |
| 588 | 566 | 567 | 1000 |
| 589 | 567 | 568 | 938 |
| 590 | 568 | 569 | 1005 |
| 591 | 569 | 570 | 1006 |
| 592 | 570 | 571 | 1007 |
| 593 | 571 | 572 | 1008 |
| 594 | 572 | 573 | 1009 |
| 595 | 573 | 574 | 1010 |
| 596 | 574 | 575 | 947 |
| 597 | 575 | 576 | 1017 |
| 598 | 576 | 577 | 1018 |
| 599 | 577 | 578 | 1019 |
| 600 | 578 | 579 | 1020 |
| 601 | 579 | 580 | 1021 |
| 602 | 580 | 581 | 1027 |
| 603 | 581 | 582 | 1028 |
| 604 | 582 | 583 | 1029 |
| 605 | 583 | 584 | 1030 |
| 606 | 584 | 585 | 939 |
| 607 | 585 | 586 | 940 |
| 608 | 586 | 587 | 1035 |
| 609 | 587 | 588 | 1036 |
| 610 | 588 | 589 | 1037 |
| 611 | 589 | 590 | 1038 |
| 612 | 590 | 591 | 1039 |
| 613 | 591 | 592 | 1040 |
| 838 | 764 | 765 | 955 |
| 839 | 765 | 766 | 956 |
| 840 | 766 | 767 | 957 |
| 841 | 767 | 768 | 958 |
| 842 | 768 | 769 | 959 |
| 843 | 769 | 770 | 960 |
| 844 | 770 | 771 | 941 |
| 845 | 771 | 772 | 965 |
| 846 | 772 | 773 | 966 |
| 847 | 773 | 774 | 967 |
| 848 | 774 | 775 | 968 |
| 849 | 775 | 776 | 973 |
| 850 | 776 | 777 | 974 |
| 851 | 777 | 778 | 975 |
| 852 | 778 | 779 | 976 |
| 853 | 779 | 780 | 942 |
| 854 | 780 | 781 | 983 |
| 855 | 781 | 782 | 984 |
| 856 | 782 | 783 | 985 |
| 857 | 783 | 784 | 986 |
| 858 | 784 | 785 | 987 |
| 859 | 785 | 786 | 988 |
| 860 | 786 | 787 | 943 |
| 861 | 787 | 788 | 993 |
| 862 | 788 | 789 | 994 |
| 863 | 789 | 790 | 995 |
| 864 | 790 | 791 | 996 |
| 865 | 791 | 792 | 1001 |
| 866 | 792 | 793 | 1002 |
| 867 | 793 | 794 | 1003 |
| 868 | 794 | 795 | 1004 |
| 869 | 795 | 796 | 944 |
| 870 | 796 | 797 | 1011 |
| 871 | 797 | 798 | 1012 |
| 872 | 798 | 799 | 1013 |
| 873 | 799 | 800 | 1014 |
| 874 | 800 | 801 | 1015 |
| 875 | 801 | 802 | 1016 |
| 876 | 802 | 803 | 948 |
| 877 | 803 | 804 | 1022 |
| 878 | 804 | 805 | 1023 |
| 879 | 805 | 806 | 1024 |

| | | | |
|---|---|---|---|
| 880 | 806 | 807 | 1025 |
| 881 | 807 | 808 | 1026 |
| 882 | 808 | 809 | 1031 |
| 883 | 809 | 810 | 1032 |
| 884 | 810 | 811 | 1033 |
| 885 | 811 | 812 | 1034 |
| 886 | 812 | 813 | 945 |
| 887 | 813 | 814 | 946 |
| 888 | 814 | 815 | 1041 |
| 889 | 815 | 816 | 1042 |
| 890 | 816 | 817 | 1043 |
| 891 | 817 | 818 | 1044 |
| 892 | 818 | 819 | 1045 |
| 893 | 819 | 820 | 1046 |

TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST NODE NUMBER = 1500

D E F A U L T S O L V E R C H O S E N

N O D E C O O R D I N A T E S

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|---|---|---|---|
| 1 | 40.0000 | 5.62500 | -8.60000 |
| 2 | 40.0000 | 5.62500 | -8.60000 |
| 3 | 40.0000 | 5.62500 | -6.80000 |
| 4 | 40.0000 | 5.62500 | -5.46667 |
| 5 | 40.0000 | 5.62500 | -4.13333 |
| 6 | 0.000000E+00 | 2.35000 | -2.80000 |
| 7 | 40.0000 | 2.35000 | -2.80000 |
| 8 | 81.0000 | 2.35000 | -2.80000 |
| 9 | 0.000000E+00 | 5.62500 | -2.80000 |
| 10 | 0.000000E+00 | 5.62500 | -2.80000 |
| 11 | 40.0000 | 5.62500 | -2.80000 |
| 12 | 81.0000 | 5.62500 | -2.80000 |
| 13 | 81.0000 | 5.62500 | -2.80000 |
| 14 | 0.000000E+00 | 8.90000 | -2.80000 |
| 15 | 40.0000 | 8.90000 | -2.80000 |
| 16 | 81.0000 | 8.90000 | -2.80000 |
| 17 | 0.000000E+00 | 2.35000 | -2.30000 |
| 18 | 0.000000E+00 | 2.35000 | -2.30000 |
| 19 | 4.00000 | 2.35000 | -2.30000 |
| 20 | 8.00000 | 2.35000 | -2.30000 |
| 21 | 12.0000 | 2.35000 | -2.30000 |
| 22 | 16.0000 | 2.35000 | -2.30000 |
| 23 | 20.0000 | 2.35000 | -2.30000 |
| 24 | 24.0000 | 2.35000 | -2.30000 |
| 25 | 28.0000 | 2.35000 | -2.30000 |
| 26 | 32.0000 | 2.35000 | -2.30000 |
| 27 | 36.0000 | 2.35000 | -2.30000 |
| 28 | 40.0000 | 2.35000 | -2.30000 |
| 29 | 40.0000 | 2.35000 | -2.30000 |
| 30 | 44.0000 | 2.35000 | -2.30000 |
| 31 | 48.0000 | 2.35000 | -2.30000 |
| 32 | 52.2500 | 2.35000 | -2.30000 |
| 33 | 56.5000 | 2.35000 | -2.30000 |
| 34 | 60.7500 | 2.35000 | -2.30000 |
| 35 | 65.0000 | 2.35000 | -2.30000 |
| 36 | 69.0000 | 2.35000 | -2.30000 |
| 37 | 73.0000 | 2.35000 | -2.30000 |
| 38 | 77.0000 | 2.35000 | -2.30000 |
| 39 | 81.0000 | 2.35000 | -2.30000 |
| 40 | 81.0000 | 2.35000 | -2.30000 |

| | | | |
|---|---|---|---|
| 41 | 0.000000E+00 | 8.90000 | -2.30000 |
| 42 | 0.000000E+00 | 8.90000 | -2.30000 |
| 43 | 4.00000 | 8.90000 | -2.30000 |
| 44 | 8.00000 | 8.90000 | -2.30000 |
| 45 | 12.0000 | 8.90000 | -2.30000 |
| 46 | 16.0000 | 8.90000 | -2.30000 |
| 47 | 20.0000 | 8.90000 | -2.30000 |
| 48 | 24.0000 | 8.90000 | -2.30000 |
| 49 | 28.0000 | 8.90000 | -2.30000 |
| 50 | 32.0000 | 8.90000 | -2.30000 |
| 51 | 36.0000 | 8.90000 | -2.30000 |
| 52 | 40.0000 | 8.90000 | -2.30000 |
| 53 | 40.0000 | 8.90000 | -2.30000 |
| 54 | 44.0000 | 8.90000 | -2.30000 |
| 55 | 48.0000 | 8.90000 | -2.30000 |
| 56 | 52.2500 | 8.90000 | -2.30000 |
| 57 | 56.5000 | 8.90000 | -2.30000 |
| 58 | 60.7500 | 8.90000 | -2.30000 |
| 59 | 65.0000 | 8.90000 | -2.30000 |
| 60 | 69.0000 | 8.90000 | -2.30000 |
| 61 | 73.0000 | 8.90000 | -2.30000 |
| 62 | 77.0000 | 8.90000 | -2.30000 |
| 63 | 81.0000 | 8.90000 | -2.30000 |
| 64 | 81.0000 | 8.90000 | -2.30000 |
| 65 | 0.000000E+00 | 2.35000 | -2.02500 |
| 66 | 40.0000 | 2.35000 | -2.02500 |
| 67 | 81.0000 | 2.35000 | -2.02500 |
| 68 | 0.000000E+00 | 8.90000 | -2.02500 |
| 69 | 40.0000 | 8.90000 | -2.02500 |
| 70 | 81.0000 | 8.90000 | -2.02500 |
| 71 | 4.00000 | 2.35000 | -1.89750 |
| 72 | 8.00000 | 2.35000 | -1.89750 |
| 73 | 12.0000 | 2.35000 | -1.89750 |
| 74 | 16.0000 | 2.35000 | -1.89750 |
| 75 | 20.0000 | 2.35000 | -1.89750 |
| 76 | 24.0000 | 2.35000 | -1.89750 |
| 77 | 28.0000 | 2.35000 | -1.89750 |
| 78 | 32.0000 | 2.35000 | -1.89750 |
| 79 | 36.0000 | 2.35000 | -1.89750 |
| 80 | 44.0000 | 2.35000 | -1.89750 |
| 81 | 48.0000 | 2.35000 | -1.89750 |
| 82 | 52.2500 | 2.35000 | -1.89750 |
| 83 | 56.5000 | 2.35000 | -1.89750 |
| 84 | 60.7500 | 2.35000 | -1.89750 |
| 85 | 65.0000 | 2.35000 | -1.89750 |
| 86 | 69.0000 | 2.35000 | -1.89750 |
| 87 | 73.0000 | 2.35000 | -1.89750 |
| 88 | 77.0000 | 2.35000 | -1.89750 |
| 89 | 4.00000 | 8.90000 | -1.89750 |
| 90 | 8.00000 | 8.90000 | -1.89750 |
| 91 | 12.0000 | 8.90000 | -1.89750 |
| 92 | 16.0000 | 8.90000 | -1.89750 |
| 93 | 20.0000 | 8.90000 | -1.89750 |
| 94 | 24.0000 | 8.90000 | -1.89750 |
| 95 | 28.0000 | 8.90000 | -1.89750 |
| 96 | 32.0000 | 8.90000 | -1.89750 |
| 97 | 36.0000 | 8.90000 | -1.89750 |
| 98 | 44.0000 | 8.90000 | -1.89750 |
| 99 | 48.0000 | 8.90000 | -1.89750 |
| 100 | 52.2500 | 8.90000 | -1.89750 |
| 101 | 56.5000 | 8.90000 | -1.89750 |
| 102 | 60.7500 | 8.90000 | -1.89750 |
| 103 | 65.0000 | 8.90000 | -1.89750 |
| 104 | 69.0000 | 8.90000 | -1.89750 |
| 105 | 73.0000 | 8.90000 | -1.89750 |
| 106 | 77.0000 | 8.90000 | -1.89750 |
| 107 | 0.000000E+00 | 2.35000 | -1.75000 |
| 108 | 40.0000 | 2.35000 | -1.75000 |
| 109 | 81.0000 | 2.35000 | -1.75000 |
| 110 | 0.000000E+00 | 8.90000 | -1.75000 |
| 111 | 40.0000 | 8.90000 | -1.75000 |
| 112 | 81.0000 | 8.90000 | -1.75000 |
| 113 | 4.00000 | 2.35000 | -1.49500 |

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| 114 | 8.00000 | 2.35000 | -1.49500 |
| 115 | 12.0000 | 2.35000 | -1.49500 |
| 116 | 16.0000 | 2.35000 | -1.49500 |
| 117 | 20.0000 | 2.35000 | -1.49500 |
| 118 | 24.0000 | 2.35000 | -1.49500 |
| 119 | 28.0000 | 2.35000 | -1.49500 |
| 120 | 32.0000 | 2.35000 | -1.49500 |
| 121 | 36.0000 | 2.35000 | -1.49500 |
| 122 | 44.0000 | 2.35000 | -1.49500 |
| 123 | 48.0000 | 2.35000 | -1.49500 |
| 124 | 52.2500 | 2.35000 | -1.49500 |
| 125 | 56.5000 | 2.35000 | -1.49500 |
| 126 | 60.7500 | 2.35000 | -1.49500 |
| 127 | 65.0000 | 2.35000 | -1.49500 |
| 128 | 69.0000 | 2.35000 | -1.49500 |
| 129 | 73.0000 | 2.35000 | -1.49500 |
| 130 | 77.0000 | 2.35000 | -1.49500 |
| 131 | 4.00000 | 8.90000 | -1.49500 |
| 132 | 8.00000 | 8.90000 | -1.49500 |
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| 134 | 16.0000 | 8.90000 | -1.49500 |
| 135 | 20.0000 | 8.90000 | -1.49500 |
| 136 | 24.0000 | 8.90000 | -1.49500 |
| 137 | 28.0000 | 8.90000 | -1.49500 |
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| 139 | 36.0000 | 8.90000 | -1.49500 |
| 140 | 44.0000 | 8.90000 | -1.49500 |
| 141 | 48.0000 | 8.90000 | -1.49500 |
| 142 | 52.2500 | 8.90000 | -1.49500 |
| 143 | 56.5000 | 8.90000 | -1.49500 |
| 144 | 60.7500 | 8.90000 | -1.49500 |
| 145 | 65.0000 | 8.90000 | -1.49500 |
| 146 | 69.0000 | 8.90000 | -1.49500 |
| 147 | 73.0000 | 8.90000 | -1.49500 |
| 148 | 77.0000 | 8.90000 | -1.49500 |
| 149 | 0.000000E+00 | 2.35000 | -1.42500 |
| 150 | 40.0000 | 2.35000 | -1.42500 |
| 151 | 81.0000 | 2.35000 | -1.42500 |
| 152 | 0.000000E+00 | 8.90000 | -1.42500 |
| 153 | 40.0000 | 8.90000 | -1.42500 |
| 154 | 81.0000 | 8.90000 | -1.42500 |
| 155 | 4.00000 | 2.35000 | -1.29750 |
| 156 | 8.00000 | 2.35000 | -1.29750 |
| 157 | 12.0000 | 2.35000 | -1.29750 |
| 158 | 16.0000 | 2.35000 | -1.29750 |
| 159 | 20.0000 | 2.35000 | -1.29750 |
| 160 | 24.0000 | 2.35000 | -1.29750 |
| 161 | 28.0000 | 2.35000 | -1.29750 |
| 162 | 32.0000 | 2.35000 | -1.29750 |
| 163 | 36.0000 | 2.35000 | -1.29750 |
| 164 | 44.0000 | 2.35000 | -1.29750 |
| 165 | 48.0000 | 2.35000 | -1.29750 |
| 166 | 52.2500 | 2.35000 | -1.29750 |
| 167 | 56.5000 | 2.35000 | -1.29750 |
| 168 | 60.7500 | 2.35000 | -1.29750 |
| 169 | 65.0000 | 2.35000 | -1.29750 |
| 170 | 69.0000 | 2.35000 | -1.29750 |
| 171 | 73.0000 | 2.35000 | -1.29750 |
| 172 | 77.0000 | 2.35000 | -1.29750 |
| 173 | 4.00000 | 8.90000 | -1.29750 |
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| 175 | 12.0000 | 8.90000 | -1.29750 |
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| 179 | 28.0000 | 8.90000 | -1.29750 |
| 180 | 32.0000 | 8.90000 | -1.29750 |
| 181 | 36.0000 | 8.90000 | -1.29750 |
| 182 | 44.0000 | 8.90000 | -1.29750 |
| 183 | 48.0000 | 8.90000 | -1.29750 |
| 184 | 52.2500 | 8.90000 | -1.29750 |
| 185 | 56.5000 | 8.90000 | -1.29750 |
| 186 | 60.7500 | 8.90000 | -1.29750 |

| | | | |
|---|---|---|---|
| 187 | 65.0000 | 8.90000 | -1.29750 |
| 188 | 69.0000 | 8.90000 | -1.29750 |
| 189 | 73.0000 | 8.90000 | -1.29750 |
| 190 | 77.0000 | 8.90000 | -1.29750 |
| 191 | 0.000000E+00 | 2.35000 | -1.10000 |
| 192 | 4.00000 | 2.35000 | -1.10000 |
| 193 | 8.00000 | 2.35000 | -1.10000 |
| 194 | 12.0000 | 2.35000 | -1.10000 |
| 195 | 16.0000 | 2.35000 | -1.10000 |
| 196 | 20.0000 | 2.35000 | -1.10000 |
| 197 | 24.0000 | 2.35000 | -1.10000 |
| 198 | 28.0000 | 2.35000 | -1.10000 |
| 199 | 32.0000 | 2.35000 | -1.10000 |
| 200 | 36.0000 | 2.35000 | -1.10000 |
| 201 | 40.0000 | 2.35000 | -1.10000 |
| 202 | 44.0000 | 2.35000 | -1.10000 |
| 203 | 48.0000 | 2.35000 | -1.10000 |
| 204 | 52.2500 | 2.35000 | -1.10000 |
| 205 | 56.5000 | 2.35000 | -1.10000 |
| 206 | 60.7500 | 2.35000 | -1.10000 |
| 207 | 65.0000 | 2.35000 | -1.10000 |
| 208 | 69.0000 | 2.35000 | -1.10000 |
| 209 | 73.0000 | 2.35000 | -1.10000 |
| 210 | 77.0000 | 2.35000 | -1.10000 |
| 211 | 81.0000 | 2.35000 | -1.10000 |
| 212 | 0.000000E+00 | 3.98750 | -1.10000 |
| 213 | 4.00000 | 3.98750 | -1.10000 |
| 214 | 8.00000 | 3.98750 | -1.10000 |
| 215 | 12.0000 | 3.98750 | -1.10000 |
| 216 | 16.0000 | 3.98750 | -1.10000 |
| 217 | 20.0000 | 3.98750 | -1.10000 |
| 218 | 24.0000 | 3.98750 | -1.10000 |
| 219 | 28.0000 | 3.98750 | -1.10000 |
| 220 | 32.0000 | 3.98750 | -1.10000 |
| 221 | 36.0000 | 3.98750 | -1.10000 |
| 222 | 40.0000 | 3.98750 | -1.10000 |
| 223 | 44.0000 | 3.98750 | -1.10000 |
| 224 | 48.0000 | 3.98750 | -1.10000 |
| 225 | 52.2500 | 3.98750 | -1.10000 |
| 226 | 56.5000 | 3.98750 | -1.10000 |
| 227 | 60.7500 | 3.98750 | -1.10000 |
| 228 | 65.0000 | 3.98750 | -1.10000 |
| 229 | 69.0000 | 3.98750 | -1.10000 |
| 230 | 73.0000 | 3.98750 | -1.10000 |
| 231 | 77.0000 | 3.98750 | -1.10000 |
| 232 | 81.0000 | 3.98750 | -1.10000 |
| 233 | 0.000000E+00 | 5.62500 | -1.10000 |
| 234 | 4.00000 | 5.62500 | -1.10000 |
| 235 | 8.00000 | 5.62500 | -1.10000 |
| 236 | 12.0000 | 5.62500 | -1.10000 |
| 237 | 16.0000 | 5.62500 | -1.10000 |
| 238 | 20.0000 | 5.62500 | -1.10000 |
| 239 | 24.0000 | 5.62500 | -1.10000 |
| 240 | 28.0000 | 5.62500 | -1.10000 |
| 241 | 32.0000 | 5.62500 | -1.10000 |
| 242 | 36.0000 | 5.62500 | -1.10000 |
| 243 | 40.0000 | 5.62500 | -1.10000 |
| 244 | 44.0000 | 5.62500 | -1.10000 |
| 245 | 48.0000 | 5.62500 | -1.10000 |
| 246 | 52.2500 | 5.62500 | -1.10000 |
| 247 | 56.5000 | 5.62500 | -1.10000 |
| 248 | 60.7500 | 5.62500 | -1.10000 |
| 249 | 65.0000 | 5.62500 | -1.10000 |
| 250 | 69.0000 | 5.62500 | -1.10000 |
| 251 | 73.0000 | 5.62500 | -1.10000 |
| 252 | 77.0000 | 5.62500 | -1.10000 |
| 253 | 81.0000 | 5.62500 | -1.10000 |
| 254 | 0.000000E+00 | 7.26250 | -1.10000 |
| 255 | 4.00000 | 7.26250 | -1.10000 |
| 256 | 8.00000 | 7.26250 | -1.10000 |
| 257 | 12.0000 | 7.26250 | -1.10000 |
| 258 | 16.0000 | 7.26250 | -1.10000 |
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| 260 | 24.0000 | 7.26250 | -1.10000 |
| 261 | 28.0000 | 7.26250 | -1.10000 |
| 262 | 32.0000 | 7.26250 | -1.10000 |
| 263 | 36.0000 | 7.26250 | -1.10000 |
| 264 | 40.0000 | 7.26250 | -1.10000 |
| 265 | 44.0000 | 7.26250 | -1.10000 |
| 266 | 48.0000 | 7.26250 | -1.10000 |
| 267 | 52.2500 | 7.26250 | -1.10000 |
| 268 | 56.5000 | 7.26250 | -1.10000 |
| 269 | 60.7500 | 7.26250 | -1.10000 |
| 270 | 65.0000 | 7.26250 | -1.10000 |
| 271 | 69.0000 | 7.26250 | -1.10000 |
| 272 | 73.0000 | 7.26250 | -1.10000 |
| 273 | 77.0000 | 7.26250 | -1.10000 |
| 274 | 81.0000 | 7.26250 | -1.10000 |
| 275 | 0.000000E+00 | 8.90000 | -1.10000 |
| 276 | 4.00000 | 8.90000 | -1.10000 |
| 277 | 8.00000 | 8.90000 | -1.10000 |
| 278 | 12.0000 | 8.90000 | -1.10000 |
| 279 | 16.0000 | 8.90000 | -1.10000 |
| 280 | 20.0000 | 8.90000 | -1.10000 |
| 281 | 24.0000 | 8.90000 | -1.10000 |
| 282 | 28.0000 | 8.90000 | -1.10000 |
| 283 | 32.0000 | 8.90000 | -1.10000 |
| 284 | 36.0000 | 8.90000 | -1.10000 |
| 285 | 40.0000 | 8.90000 | -1.10000 |
| 286 | 44.0000 | 8.90000 | -1.10000 |
| 287 | 48.0000 | 8.90000 | -1.10000 |
| 288 | 52.2500 | 8.90000 | -1.10000 |
| 289 | 56.5000 | 8.90000 | -1.10000 |
| 290 | 60.7500 | 8.90000 | -1.10000 |
| 291 | 65.0000 | 8.90000 | -1.10000 |
| 292 | 69.0000 | 8.90000 | -1.10000 |
| 293 | 73.0000 | 8.90000 | -1.10000 |
| 294 | 77.0000 | 8.90000 | -1.10000 |
| 295 | 81.0000 | 8.90000 | -1.10000 |
| 296 | 4.00000 | 2.35000 | -0.902500 |
| 297 | 8.00000 | 2.35000 | -0.902500 |
| 298 | 12.0000 | 2.35000 | -0.902500 |
| 299 | 16.0000 | 2.35000 | -0.902500 |
| 300 | 20.0000 | 2.35000 | -0.902500 |
| 301 | 24.0000 | 2.35000 | -0.902500 |
| 302 | 28.0000 | 2.35000 | -0.902500 |
| 303 | 32.0000 | 2.35000 | -0.902500 |
| 304 | 36.0000 | 2.35000 | -0.902500 |
| 305 | 44.0000 | 2.35000 | -0.902500 |
| 306 | 48.0000 | 2.35000 | -0.902500 |
| 307 | 52.2500 | 2.35000 | -0.902500 |
| 308 | 56.5000 | 2.35000 | -0.902500 |
| 309 | 60.7500 | 2.35000 | -0.902500 |
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| 311 | 69.0000 | 2.35000 | -0.902500 |
| 312 | 73.0000 | 2.35000 | -0.902500 |
| 313 | 77.0000 | 2.35000 | -0.902500 |
| 314 | 4.00000 | 8.90000 | -0.902500 |
| 315 | 8.00000 | 8.90000 | -0.902500 |
| 316 | 12.0000 | 8.90000 | -0.902500 |
| 317 | 16.0000 | 8.90000 | -0.902500 |
| 318 | 20.0000 | 8.90000 | -0.902500 |
| 319 | 24.0000 | 8.90000 | -0.902500 |
| 320 | 28.0000 | 8.90000 | -0.902500 |
| 321 | 32.0000 | 8.90000 | -0.902500 |
| 322 | 36.0000 | 8.90000 | -0.902500 |
| 323 | 44.0000 | 8.90000 | -0.902500 |
| 324 | 48.0000 | 8.90000 | -0.902500 |
| 325 | 52.2500 | 8.90000 | -0.902500 |
| 326 | 56.5000 | 8.90000 | -0.902500 |
| 327 | 60.7500 | 8.90000 | -0.902500 |
| 328 | 65.0000 | 8.90000 | -0.902500 |
| 329 | 69.0000 | 8.90000 | -0.902500 |
| 330 | 73.0000 | 8.90000 | -0.902500 |
| 331 | 77.0000 | 8.90000 | -0.902500 |
| 332 | 0.000000E+00 | 2.35000 | -0.775000 |

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|---|---|---|---|
| 333 | 40.0000 | 2.35000 | -0.775000 |
| 334 | 81.0000 | 2.35000 | -0.775000 |
| 335 | 0.000000E+00 | 8.90000 | -0.775000 |
| 336 | 40.0000 | 8.90000 | -0.775000 |
| 337 | 81.0000 | 8.90000 | -0.775000 |
| 338 | 4.00000 | 2.35000 | -0.705000 |
| 339 | 8.00000 | 2.35000 | -0.705000 |
| 340 | 12.0000 | 2.35000 | -0.705000 |
| 341 | 16.0000 | 2.35000 | -0.705000 |
| 342 | 20.0000 | 2.35000 | -0.705000 |
| 343 | 24.0000 | 2.35000 | -0.705000 |
| 344 | 28.0000 | 2.35000 | -0.705000 |
| 345 | 32.0000 | 2.35000 | -0.705000 |
| 346 | 36.0000 | 2.35000 | -0.705000 |
| 347 | 44.0000 | 2.35000 | -0.705000 |
| 348 | 48.0000 | 2.35000 | -0.705000 |
| 349 | 52.2500 | 2.35000 | -0.705000 |
| 350 | 56.5000 | 2.35000 | -0.705000 |
| 351 | 60.7500 | 2.35000 | -0.705000 |
| 352 | 65.0000 | 2.35000 | -0.705000 |
| 353 | 69.0000 | 2.35000 | -0.705000 |
| 354 | 73.0000 | 2.35000 | -0.705000 |
| 355 | 77.0000 | 2.35000 | -0.705000 |
| 356 | 4.00000 | 8.90000 | -0.705000 |
| 357 | 8.00000 | 8.90000 | -0.705000 |
| 358 | 12.0000 | 8.90000 | -0.705000 |
| 359 | 16.0000 | 8.90000 | -0.705000 |
| 360 | 20.0000 | 8.90000 | -0.705000 |
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| 362 | 28.0000 | 8.90000 | -0.705000 |
| 363 | 32.0000 | 8.90000 | -0.705000 |
| 364 | 36.0000 | 8.90000 | -0.705000 |
| 365 | 44.0000 | 8.90000 | -0.705000 |
| 366 | 48.0000 | 8.90000 | -0.705000 |
| 367 | 52.2500 | 8.90000 | -0.705000 |
| 368 | 56.5000 | 8.90000 | -0.705000 |
| 369 | 60.7500 | 8.90000 | -0.705000 |
| 370 | 65.0000 | 8.90000 | -0.705000 |
| 371 | 69.0000 | 8.90000 | -0.705000 |
| 372 | 73.0000 | 8.90000 | -0.705000 |
| 373 | 77.0000 | 8.90000 | -0.705000 |
| 374 | 0.000000E+00 | 2.35000 | -0.450000 |
| 375 | 40.0000 | 2.35000 | -0.450000 |
| 376 | 81.0000 | 2.35000 | -0.450000 |
| 377 | 0.000000E+00 | 8.90000 | -0.450000 |
| 378 | 40.0000 | 8.90000 | -0.450000 |
| 379 | 81.0000 | 8.90000 | -0.450000 |
| 380 | 4.00000 | 2.35000 | -0.352500 |
| 381 | 8.00000 | 2.35000 | -0.352500 |
| 382 | 12.0000 | 2.35000 | -0.352500 |
| 383 | 16.0000 | 2.35000 | -0.352500 |
| 384 | 20.0000 | 2.35000 | -0.352500 |
| 385 | 24.0000 | 2.35000 | -0.352500 |
| 386 | 28.0000 | 2.35000 | -0.352500 |
| 387 | 32.0000 | 2.35000 | -0.352500 |
| 388 | 36.0000 | 2.35000 | -0.352500 |
| 389 | 44.0000 | 2.35000 | -0.352500 |
| 390 | 48.0000 | 2.35000 | -0.352500 |
| 391 | 52.2500 | 2.35000 | -0.352500 |
| 392 | 56.5000 | 2.35000 | -0.352500 |
| 393 | 60.7500 | 2.35000 | -0.352500 |
| 394 | 65.0000 | 2.35000 | -0.352500 |
| 395 | 69.0000 | 2.35000 | -0.352500 |
| 396 | 73.0000 | 2.35000 | -0.352500 |
| 397 | 77.0000 | 2.35000 | -0.352500 |
| 398 | 4.00000 | 8.90000 | -0.352500 |
| 399 | 8.00000 | 8.90000 | -0.352500 |
| 400 | 12.0000 | 8.90000 | -0.352500 |
| 401 | 16.0000 | 8.90000 | -0.352500 |
| 402 | 20.0000 | 8.90000 | -0.352500 |
| 403 | 24.0000 | 8.90000 | -0.352500 |
| 404 | 28.0000 | 8.90000 | -0.352500 |
| 405 | 32.0000 | 8.90000 | -0.352500 |

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|---|---|---|---|
| 406 | 36.0000 | 8.90000 | -0.352500 |
| 407 | 44.0000 | 8.90000 | -0.352500 |
| 408 | 48.0000 | 8.90000 | -0.352500 |
| 409 | 52.2500 | 8.90000 | -0.352500 |
| 410 | 56.5000 | 8.90000 | -0.352500 |
| 411 | 60.7500 | 8.90000 | -0.352500 |
| 412 | 65.0000 | 8.90000 | -0.352500 |
| 413 | 69.0000 | 8.90000 | -0.352500 |
| 414 | 73.0000 | 8.90000 | -0.352500 |
| 415 | 77.0000 | 8.90000 | -0.352500 |
| 416 | 0.000000E+00 | 2.35000 | -0.225000 |
| 417 | 40.0000 | 2.35000 | -0.225000 |
| 418 | 81.0000 | 2.35000 | -0.225000 |
| 419 | 0.000000E+00 | 8.90000 | -0.225000 |
| 420 | 40.0000 | 8.90000 | -0.225000 |
| 421 | 81.0000 | 8.90000 | -0.225000 |
| 422 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 423 | 1.33333 | 0.000000E+00 | 0.000000E+00 |
| 424 | 2.66667 | 0.000000E+00 | 0.000000E+00 |
| 425 | 4.00000 | 0.000000E+00 | 0.000000E+00 |
| 426 | 5.33333 | 0.000000E+00 | 0.000000E+00 |
| 427 | 6.66667 | 0.000000E+00 | 0.000000E+00 |
| 428 | 8.00000 | 0.000000E+00 | 0.000000E+00 |
| 429 | 10.0000 | 0.000000E+00 | 0.000000E+00 |
| 430 | 12.0000 | 0.000000E+00 | 0.000000E+00 |
| 431 | 13.3333 | 0.000000E+00 | 0.000000E+00 |
| 432 | 14.6667 | 0.000000E+00 | 0.000000E+00 |
| 433 | 16.0000 | 0.000000E+00 | 0.000000E+00 |
| 434 | 17.3333 | 0.000000E+00 | 0.000000E+00 |
| 435 | 18.6667 | 0.000000E+00 | 0.000000E+00 |
| 436 | 20.0000 | 0.000000E+00 | 0.000000E+00 |
| 437 | 22.0000 | 0.000000E+00 | 0.000000E+00 |
| 438 | 24.0000 | 0.000000E+00 | 0.000000E+00 |
| 439 | 25.3333 | 0.000000E+00 | 0.000000E+00 |
| 440 | 26.6667 | 0.000000E+00 | 0.000000E+00 |
| 441 | 28.0000 | 0.000000E+00 | 0.000000E+00 |
| 442 | 29.3333 | 0.000000E+00 | 0.000000E+00 |
| 443 | 30.6667 | 0.000000E+00 | 0.000000E+00 |
| 444 | 32.0000 | 0.000000E+00 | 0.000000E+00 |
| 445 | 34.0000 | 0.000000E+00 | 0.000000E+00 |
| 446 | 36.0000 | 0.000000E+00 | 0.000000E+00 |
| 447 | 37.3333 | 0.000000E+00 | 0.000000E+00 |
| 448 | 38.6667 | 0.000000E+00 | 0.000000E+00 |
| 449 | 40.0000 | 0.000000E+00 | 0.000000E+00 |
| 450 | 41.3333 | 0.000000E+00 | 0.000000E+00 |
| 451 | 42.6667 | 0.000000E+00 | 0.000000E+00 |
| 452 | 44.0000 | 0.000000E+00 | 0.000000E+00 |
| 453 | 46.0000 | 0.000000E+00 | 0.000000E+00 |
| 454 | 48.0000 | 0.000000E+00 | 0.000000E+00 |
| 455 | 49.4167 | 0.000000E+00 | 0.000000E+00 |
| 456 | 50.8333 | 0.000000E+00 | 0.000000E+00 |
| 457 | 52.2500 | 0.000000E+00 | 0.000000E+00 |
| 458 | 53.6667 | 0.000000E+00 | 0.000000E+00 |
| 459 | 55.0833 | 0.000000E+00 | 0.000000E+00 |
| 460 | 56.5000 | 0.000000E+00 | 0.000000E+00 |
| 461 | 58.0000 | 0.000000E+00 | 0.000000E+00 |
| 462 | 59.3750 | 0.000000E+00 | 0.000000E+00 |
| 463 | 60.7500 | 0.000000E+00 | 0.000000E+00 |
| 464 | 62.1667 | 0.000000E+00 | 0.000000E+00 |
| 465 | 63.5833 | 0.000000E+00 | 0.000000E+00 |
| 466 | 65.0000 | 0.000000E+00 | 0.000000E+00 |
| 467 | 66.3333 | 0.000000E+00 | 0.000000E+00 |
| 468 | 67.6667 | 0.000000E+00 | 0.000000E+00 |
| 469 | 69.0000 | 0.000000E+00 | 0.000000E+00 |
| 470 | 70.0000 | 0.000000E+00 | 0.000000E+00 |
| 471 | 71.5000 | 0.000000E+00 | 0.000000E+00 |
| 472 | 73.0000 | 0.000000E+00 | 0.000000E+00 |
| 473 | 74.3333 | 0.000000E+00 | 0.000000E+00 |
| 474 | 75.6667 | 0.000000E+00 | 0.000000E+00 |
| 475 | 77.0000 | 0.000000E+00 | 0.000000E+00 |
| 476 | 78.3333 | 0.000000E+00 | 0.000000E+00 |
| 477 | 79.6667 | 0.000000E+00 | 0.000000E+00 |
| 478 | 81.0000 | 0.000000E+00 | 0.000000E+00 |

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|---|---|---|---|
| 479 | 0.000000E+00 | 0.750000 | 0.000000E+00 |
| 480 | 1.33333 | 0.750000 | 0.000000E+00 |
| 481 | 2.66667 | 0.750000 | 0.000000E+00 |
| 482 | 4.00000 | 0.750000 | 0.000000E+00 |
| 483 | 5.33333 | 0.750000 | 0.000000E+00 |
| 484 | 6.66667 | 0.750000 | 0.000000E+00 |
| 485 | 8.00000 | 0.750000 | 0.000000E+00 |
| 486 | 10.0000 | 0.750000 | 0.000000E+00 |
| 487 | 12.0000 | 0.750000 | 0.000000E+00 |
| 488 | 13.3333 | 0.750000 | 0.000000E+00 |
| 489 | 14.6667 | 0.750000 | 0.000000E+00 |
| 490 | 16.0000 | 0.750000 | 0.000000E+00 |
| 491 | 17.3333 | 0.750000 | 0.000000E+00 |
| 492 | 18.6667 | 0.750000 | 0.000000E+00 |
| 493 | 20.0000 | 0.750000 | 0.000000E+00 |
| 494 | 22.0000 | 0.750000 | 0.000000E+00 |
| 495 | 24.0000 | 0.750000 | 0.000000E+00 |
| 496 | 25.3333 | 0.750000 | 0.000000E+00 |
| 497 | 26.6667 | 0.750000 | 0.000000E+00 |
| 498 | 28.0000 | 0.750000 | 0.000000E+00 |
| 499 | 29.3333 | 0.750000 | 0.000000E+00 |
| 500 | 30.6667 | 0.750000 | 0.000000E+00 |
| 501 | 32.0000 | 0.750000 | 0.000000E+00 |
| 502 | 34.0000 | 0.750000 | 0.000000E+00 |
| 503 | 36.0000 | 0.750000 | 0.000000E+00 |
| 504 | 37.3333 | 0.750000 | 0.000000E+00 |
| 505 | 38.6667 | 0.750000 | 0.000000E+00 |
| 506 | 40.0000 | 0.750000 | 0.000000E+00 |
| 507 | 41.3333 | 0.750000 | 0.000000E+00 |
| 508 | 42.6667 | 0.750000 | 0.000000E+00 |
| 509 | 44.0000 | 0.750000 | 0.000000E+00 |
| 510 | 46.0000 | 0.750000 | 0.000000E+00 |
| 511 | 48.0000 | 0.750000 | 0.000000E+00 |
| 512 | 49.4167 | 0.750000 | 0.000000E+00 |
| 513 | 50.8333 | 0.750000 | 0.000000E+00 |
| 514 | 52.2500 | 0.750000 | 0.000000E+00 |
| 515 | 53.6667 | 0.750000 | 0.000000E+00 |
| 516 | 55.0833 | 0.750000 | 0.000000E+00 |
| 517 | 56.5000 | 0.750000 | 0.000000E+00 |
| 518 | 58.0000 | 0.750000 | 0.000000E+00 |
| 519 | 59.3750 | 0.750000 | 0.000000E+00 |
| 520 | 60.7500 | 0.750000 | 0.000000E+00 |
| 521 | 62.1667 | 0.750000 | 0.000000E+00 |
| 522 | 63.5833 | 0.750000 | 0.000000E+00 |
| 523 | 65.0000 | 0.750000 | 0.000000E+00 |
| 524 | 66.3333 | 0.750000 | 0.000000E+00 |
| 525 | 67.6667 | 0.750000 | 0.000000E+00 |
| 526 | 69.0000 | 0.750000 | 0.000000E+00 |
| 527 | 70.0000 | 0.750000 | 0.000000E+00 |
| 528 | 71.5000 | 0.750000 | 0.000000E+00 |
| 529 | 73.0000 | 0.750000 | 0.000000E+00 |
| 530 | 74.3333 | 0.750000 | 0.000000E+00 |
| 531 | 75.6667 | 0.750000 | 0.000000E+00 |
| 532 | 77.0000 | 0.750000 | 0.000000E+00 |
| 533 | 78.3333 | 0.750000 | 0.000000E+00 |
| 534 | 79.6667 | 0.750000 | 0.000000E+00 |
| 535 | 81.0000 | 0.750000 | 0.000000E+00 |
| 536 | 0.000000E+00 | 2.35000 | 0.000000E+00 |
| 537 | 1.33333 | 2.35000 | 0.000000E+00 |
| 538 | 2.66667 | 2.35000 | 0.000000E+00 |
| 539 | 4.00000 | 2.35000 | 0.000000E+00 |
| 540 | 5.33333 | 2.35000 | 0.000000E+00 |
| 541 | 6.66667 | 2.35000 | 0.000000E+00 |
| 542 | 8.00000 | 2.35000 | 0.000000E+00 |
| 543 | 10.0000 | 2.35000 | 0.000000E+00 |
| 544 | 12.0000 | 2.35000 | 0.000000E+00 |
| 545 | 13.3333 | 2.35000 | 0.000000E+00 |
| 546 | 14.6667 | 2.35000 | 0.000000E+00 |
| 547 | 16.0000 | 2.35000 | 0.000000E+00 |
| 548 | 17.3333 | 2.35000 | 0.000000E+00 |
| 549 | 18.6667 | 2.35000 | 0.000000E+00 |
| 550 | 20.0000 | 2.35000 | 0.000000E+00 |
| 551 | 22.0000 | 2.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 552 | 24.0000 | 2.35000 | 0.000000E+00 |
| 553 | 25.3333 | 2.35000 | 0.000000E+00 |
| 554 | 26.6667 | 2.35000 | 0.000000E+00 |
| 555 | 28.0000 | 2.35000 | 0.000000E+00 |
| 556 | 29.3333 | 2.35000 | 0.000000E+00 |
| 557 | 30.6667 | 2.35000 | 0.000000E+00 |
| 558 | 32.0000 | 2.35000 | 0.000000E+00 |
| 559 | 34.0000 | 2.35000 | 0.000000E+00 |
| 560 | 36.0000 | 2.35000 | 0.000000E+00 |
| 561 | 37.3333 | 2.35000 | 0.000000E+00 |
| 562 | 38.6667 | 2.35000 | 0.000000E+00 |
| 563 | 40.0000 | 2.35000 | 0.000000E+00 |
| 564 | 41.3333 | 2.35000 | 0.000000E+00 |
| 565 | 42.6667 | 2.35000 | 0.000000E+00 |
| 566 | 44.0000 | 2.35000 | 0.000000E+00 |
| 567 | 46.0000 | 2.35000 | 0.000000E+00 |
| 568 | 48.0000 | 2.35000 | 0.000000E+00 |
| 569 | 49.4167 | 2.35000 | 0.000000E+00 |
| 570 | 50.8333 | 2.35000 | 0.000000E+00 |
| 571 | 52.2500 | 2.35000 | 0.000000E+00 |
| 572 | 53.6667 | 2.35000 | 0.000000E+00 |
| 573 | 55.0833 | 2.35000 | 0.000000E+00 |
| 574 | 56.5000 | 2.35000 | 0.000000E+00 |
| 575 | 58.0000 | 2.35000 | 0.000000E+00 |
| 576 | 59.3750 | 2.35000 | 0.000000E+00 |
| 577 | 60.7500 | 2.35000 | 0.000000E+00 |
| 578 | 62.1667 | 2.35000 | 0.000000E+00 |
| 579 | 63.5833 | 2.35000 | 0.000000E+00 |
| 580 | 65.0000 | 2.35000 | 0.000000E+00 |
| 581 | 66.3333 | 2.35000 | 0.000000E+00 |
| 582 | 67.6667 | 2.35000 | 0.000000E+00 |
| 583 | 69.0000 | 2.35000 | 0.000000E+00 |
| 584 | 70.0000 | 2.35000 | 0.000000E+00 |
| 585 | 71.5000 | 2.35000 | 0.000000E+00 |
| 586 | 73.0000 | 2.35000 | 0.000000E+00 |
| 587 | 74.3333 | 2.35000 | 0.000000E+00 |
| 588 | 75.6667 | 2.35000 | 0.000000E+00 |
| 589 | 77.0000 | 2.35000 | 0.000000E+00 |
| 590 | 78.3333 | 2.35000 | 0.000000E+00 |
| 591 | 79.6667 | 2.35000 | 0.000000E+00 |
| 592 | 81.0000 | 2.35000 | 0.000000E+00 |
| 593 | 0.000000E+00 | 3.98750 | 0.000000E+00 |
| 594 | 1.33333 | 3.98750 | 0.000000E+00 |
| 595 | 2.66667 | 3.98750 | 0.000000E+00 |
| 596 | 4.00000 | 3.98750 | -0.111022E-15 |
| 597 | 5.33333 | 3.98750 | 0.000000E+00 |
| 598 | 6.66667 | 3.98750 | 0.000000E+00 |
| 599 | 8.00000 | 3.98750 | 0.000000E+00 |
| 600 | 10.0000 | 3.98750 | 0.000000E+00 |
| 601 | 12.0000 | 3.98750 | 0.000000E+00 |
| 602 | 13.3333 | 3.98750 | 0.000000E+00 |
| 603 | 14.6667 | 3.98750 | 0.000000E+00 |
| 604 | 16.0000 | 3.98750 | 0.000000E+00 |
| 605 | 17.3333 | 3.98750 | -0.357931E-15 |
| 606 | 18.6667 | 3.98750 | -0.930621E-15 |
| 607 | 20.0000 | 3.98750 | -0.644276E-14 |
| 608 | 22.0000 | 3.98750 | 0.000000E+00 |
| 609 | 24.0000 | 3.98750 | 0.000000E+00 |
| 610 | 25.3333 | 3.98750 | 0.000000E+00 |
| 611 | 26.6667 | 3.98750 | 0.000000E+00 |
| 612 | 28.0000 | 3.98750 | 0.277556E-16 |
| 613 | 29.3333 | 3.98750 | 0.000000E+00 |
| 614 | 30.6667 | 3.98750 | 0.000000E+00 |
| 615 | 32.0000 | 3.98750 | 0.000000E+00 |
| 616 | 34.0000 | 3.98750 | 0.000000E+00 |
| 617 | 36.0000 | 3.98750 | 0.000000E+00 |
| 618 | 37.3333 | 3.98750 | 0.000000E+00 |
| 619 | 38.6667 | 3.98750 | 0.000000E+00 |
| 620 | 40.0000 | 3.98750 | 0.000000E+00 |
| 621 | 41.3333 | 3.98750 | 0.000000E+00 |
| 622 | 42.6667 | 3.98750 | 0.000000E+00 |
| 623 | 44.0000 | 3.98750 | 0.000000E+00 |
| 624 | 46.0000 | 3.98750 | 0.000000E+00 |

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|---|---|---|---|
| 625 | 48.0000 | 3.98750 | 0.000000E+00 |
| 626 | 49.4167 | 3.98750 | 0.000000E+00 |
| 627 | 50.8333 | 3.98750 | 0.000000E+00 |
| 628 | 52.2500 | 3.98750 | -0.154043E-13 |
| 629 | 53.6667 | 3.98750 | 0.000000E+00 |
| 630 | 55.0833 | 3.98750 | 0.000000E+00 |
| 631 | 56.5000 | 3.98750 | -0.147105E-14 |
| 632 | 58.0000 | 3.98750 | 0.000000E+00 |
| 633 | 59.3750 | 3.98750 | 0.000000E+00 |
| 634 | 60.7500 | 3.98750 | 0.000000E+00 |
| 635 | 62.1667 | 3.98750 | 0.000000E+00 |
| 636 | 63.5833 | 3.98750 | 0.000000E+00 |
| 637 | 65.0000 | 3.98750 | 0.000000E+00 |
| 638 | 66.3333 | 3.98750 | 0.000000E+00 |
| 639 | 67.6667 | 3.98750 | 0.000000E+00 |
| 640 | 69.0000 | 3.98750 | 0.334455E-14 |
| 641 | 70.0000 | 3.98750 | 0.000000E+00 |
| 642 | 71.5000 | 3.98750 | 0.000000E+00 |
| 643 | 73.0000 | 3.98750 | 0.000000E+00 |
| 644 | 74.3333 | 3.98750 | 0.000000E+00 |
| 645 | 75.6667 | 3.98750 | 0.000000E+00 |
| 646 | 77.0000 | 3.98750 | 0.277556E-16 |
| 647 | 78.3333 | 3.98750 | 0.000000E+00 |
| 648 | 79.6667 | 3.98750 | 0.000000E+00 |
| 649 | 81.0000 | 3.98750 | 0.000000E+00 |
| 650 | 0.000000E+00 | 5.62500 | 0.000000E+00 |
| 651 | 1.33333 | 5.62500 | 0.000000E+00 |
| 652 | 2.66667 | 5.62500 | 0.000000E+00 |
| 653 | 4.00000 | 5.62500 | 0.000000E+00 |
| 654 | 5.33333 | 5.62500 | 0.000000E+00 |
| 655 | 6.66667 | 5.62500 | 0.000000E+00 |
| 656 | 8.00000 | 5.62500 | 0.000000E+00 |
| 657 | 10.0000 | 5.62500 | 0.000000E+00 |
| 658 | 12.0000 | 5.62500 | 0.000000E+00 |
| 659 | 13.3333 | 5.62500 | 0.000000E+00 |
| 660 | 14.6667 | 5.62500 | 0.000000E+00 |
| 661 | 16.0000 | 5.62500 | 0.000000E+00 |
| 662 | 17.3333 | 5.62500 | 0.000000E+00 |
| 663 | 18.6667 | 5.62500 | 0.000000E+00 |
| 664 | 20.0000 | 5.62500 | 0.000000E+00 |
| 665 | 22.0000 | 5.62500 | 0.000000E+00 |
| 666 | 24.0000 | 5.62500 | 0.000000E+00 |
| 667 | 25.3333 | 5.62500 | 0.000000E+00 |
| 668 | 26.6667 | 5.62500 | 0.000000E+00 |
| 669 | 28.0000 | 5.62500 | 0.000000E+00 |
| 670 | 29.3333 | 5.62500 | 0.000000E+00 |
| 671 | 30.6667 | 5.62500 | 0.000000E+00 |
| 672 | 32.0000 | 5.62500 | 0.000000E+00 |
| 673 | 34.0000 | 5.62500 | 0.000000E+00 |
| 674 | 36.0000 | 5.62500 | 0.000000E+00 |
| 675 | 37.3333 | 5.62500 | 0.000000E+00 |
| 676 | 38.6667 | 5.62500 | 0.000000E+00 |
| 677 | 40.0000 | 5.62500 | 0.000000E+00 |
| 678 | 41.3333 | 5.62500 | 0.000000E+00 |
| 679 | 42.6667 | 5.62500 | 0.000000E+00 |
| 680 | 44.0000 | 5.62500 | 0.000000E+00 |
| 681 | 46.0000 | 5.62500 | 0.000000E+00 |
| 682 | 48.0000 | 5.62500 | 0.000000E+00 |
| 683 | 49.4167 | 5.62500 | 0.000000E+00 |
| 684 | 50.8333 | 5.62500 | 0.000000E+00 |
| 685 | 52.2500 | 5.62500 | 0.000000E+00 |
| 686 | 53.6667 | 5.62500 | 0.000000E+00 |
| 687 | 55.0833 | 5.62500 | 0.000000E+00 |
| 688 | 56.5000 | 5.62500 | 0.000000E+00 |
| 689 | 58.0000 | 5.62500 | 0.000000E+00 |
| 690 | 59.3750 | 5.62500 | 0.000000E+00 |
| 691 | 60.7500 | 5.62500 | 0.000000E+00 |
| 692 | 62.1667 | 5.62500 | 0.000000E+00 |
| 693 | 63.5833 | 5.62500 | 0.000000E+00 |
| 694 | 65.0000 | 5.62500 | 0.000000E+00 |
| 695 | 66.3333 | 5.62500 | 0.000000E+00 |
| 696 | 67.6667 | 5.62500 | 0.000000E+00 |
| 697 | 69.0000 | 5.62500 | 0.000000E+00 |

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|---|---|---|---|
| 698 | 70.0000 | 5.62500 | 0.000000E+00 |
| 699 | 71.5000 | 5.62500 | 0.000000E+00 |
| 700 | 73.0000 | 5.62500 | 0.000000E+00 |
| 701 | 74.3333 | 5.62500 | 0.000000E+00 |
| 702 | 75.6667 | 5.62500 | 0.000000E+00 |
| 703 | 77.0000 | 5.62500 | 0.000000E+00 |
| 704 | 78.3333 | 5.62500 | 0.000000E+00 |
| 705 | 79.6667 | 5.62500 | 0.000000E+00 |
| 706 | 81.0000 | 5.62500 | 0.000000E+00 |
| 707 | 0.000000E+00 | 7.26250 | 0.000000E+00 |
| 708 | 1.33333 | 7.26250 | 0.000000E+00 |
| 709 | 2.66667 | 7.26250 | 0.000000E+00 |
| 710 | 4.00000 | 7.26250 | -0.971445E-16 |
| 711 | 5.33333 | 7.26250 | 0.000000E+00 |
| 712 | 6.66667 | 7.26250 | 0.000000E+00 |
| 713 | 8.00000 | 7.26250 | 0.000000E+00 |
| 714 | 10.0000 | 7.26250 | 0.000000E+00 |
| 715 | 12.0000 | 7.26250 | 0.000000E+00 |
| 716 | 13.3333 | 7.26250 | 0.000000E+00 |
| 717 | 14.6667 | 7.26250 | 0.000000E+00 |
| 718 | 16.0000 | 7.26250 | 0.000000E+00 |
| 719 | 17.3333 | 7.26250 | 0.000000E+00 |
| 720 | 18.6667 | 7.26250 | 0.000000E+00 |
| 721 | 20.0000 | 7.26250 | 0.000000E+00 |
| 722 | 22.0000 | 7.26250 | 0.000000E+00 |
| 723 | 24.0000 | 7.26250 | 0.000000E+00 |
| 724 | 25.3333 | 7.26250 | 0.000000E+00 |
| 725 | 26.6667 | 7.26250 | 0.000000E+00 |
| 726 | 28.0000 | 7.26250 | 0.000000E+00 |
| 727 | 29.3333 | 7.26250 | 0.000000E+00 |
| 728 | 30.6667 | 7.26250 | 0.000000E+00 |
| 729 | 32.0000 | 7.26250 | 0.000000E+00 |
| 730 | 34.0000 | 7.26250 | 0.000000E+00 |
| 731 | 36.0000 | 7.26250 | 0.000000E+00 |
| 732 | 37.3333 | 7.26250 | 0.000000E+00 |
| 733 | 38.6667 | 7.26250 | 0.000000E+00 |
| 734 | 40.0000 | 7.26250 | 0.000000E+00 |
| 735 | 41.3333 | 7.26250 | 0.000000E+00 |
| 736 | 42.6667 | 7.26250 | 0.000000E+00 |
| 737 | 44.0000 | 7.26250 | 0.000000E+00 |
| 738 | 46.0000 | 7.26250 | 0.000000E+00 |
| 739 | 48.0000 | 7.26250 | 0.000000E+00 |
| 740 | 49.4167 | 7.26250 | 0.000000E+00 |
| 741 | 50.8333 | 7.26250 | 0.000000E+00 |
| 742 | 52.2500 | 7.26250 | 0.000000E+00 |
| 743 | 53.6667 | 7.26250 | 0.000000E+00 |
| 744 | 55.0833 | 7.26250 | 0.000000E+00 |
| 745 | 56.5000 | 7.26250 | 0.288658E-14 |
| 746 | 58.0000 | 7.26250 | 0.000000E+00 |
| 747 | 59.3750 | 7.26250 | 0.000000E+00 |
| 748 | 60.7500 | 7.26250 | 0.000000E+00 |
| 749 | 62.1667 | 7.26250 | 0.000000E+00 |
| 750 | 63.5833 | 7.26250 | 0.000000E+00 |
| 751 | 65.0000 | 7.26250 | 0.000000E+00 |
| 752 | 66.3333 | 7.26250 | 0.000000E+00 |
| 753 | 67.6667 | 7.26250 | 0.000000E+00 |
| 754 | 69.0000 | 7.26250 | 0.399680E-14 |
| 755 | 70.0000 | 7.26250 | 0.000000E+00 |
| 756 | 71.5000 | 7.26250 | 0.000000E+00 |
| 757 | 73.0000 | 7.26250 | 0.000000E+00 |
| 758 | 74.3333 | 7.26250 | 0.000000E+00 |
| 759 | 75.6667 | 7.26250 | 0.000000E+00 |
| 760 | 77.0000 | 7.26250 | 0.000000E+00 |
| 761 | 78.3333 | 7.26250 | 0.000000E+00 |
| 762 | 79.6667 | 7.26250 | 0.000000E+00 |
| 763 | 81.0000 | 7.26250 | 0.000000E+00 |
| 764 | 0.000000E+00 | 8.90000 | 0.000000E+00 |
| 765 | 1.33333 | 8.90000 | 0.000000E+00 |
| 766 | 2.66667 | 8.90000 | 0.000000E+00 |
| 767 | 4.00000 | 8.90000 | 0.000000E+00 |
| 768 | 5.33333 | 8.90000 | 0.000000E+00 |
| 769 | 6.66667 | 8.90000 | 0.000000E+00 |
| 770 | 8.00000 | 8.90000 | 0.000000E+00 |

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|---|---|---|---|
| 771 | 10.0000 | 8.90000 | 0.000000E+00 |
| 772 | 12.0000 | 8.90000 | 0.000000E+00 |
| 773 | 13.3333 | 8.90000 | 0.000000E+00 |
| 774 | 14.6667 | 8.90000 | 0.000000E+00 |
| 775 | 16.0000 | 8.90000 | 0.000000E+00 |
| 776 | 17.3333 | 8.90000 | 0.000000E+00 |
| 777 | 18.6667 | 8.90000 | 0.000000E+00 |
| 778 | 20.0000 | 8.90000 | 0.000000E+00 |
| 779 | 22.0000 | 8.90000 | 0.000000E+00 |
| 780 | 24.0000 | 8.90000 | 0.000000E+00 |
| 781 | 25.3333 | 8.90000 | 0.000000E+00 |
| 782 | 26.6667 | 8.90000 | 0.000000E+00 |
| 783 | 28.0000 | 8.90000 | 0.000000E+00 |
| 784 | 29.3333 | 8.90000 | 0.000000E+00 |
| 785 | 30.6667 | 8.90000 | 0.000000E+00 |
| 786 | 32.0000 | 8.90000 | 0.000000E+00 |
| 787 | 34.0000 | 8.90000 | 0.000000E+00 |
| 788 | 36.0000 | 8.90000 | 0.000000E+00 |
| 789 | 37.3333 | 8.90000 | 0.000000E+00 |
| 790 | 38.6667 | 8.90000 | 0.000000E+00 |
| 791 | 40.0000 | 8.90000 | 0.000000E+00 |
| 792 | 41.3333 | 8.90000 | 0.000000E+00 |
| 793 | 42.6667 | 8.90000 | 0.000000E+00 |
| 794 | 44.0000 | 8.90000 | 0.000000E+00 |
| 795 | 46.0000 | 8.90000 | 0.000000E+00 |
| 796 | 48.0000 | 8.90000 | 0.000000E+00 |
| 797 | 49.4167 | 8.90000 | 0.000000E+00 |
| 798 | 50.8333 | 8.90000 | 0.000000E+00 |
| 799 | 52.2500 | 8.90000 | 0.000000E+00 |
| 800 | 53.6667 | 8.90000 | 0.000000E+00 |
| 801 | 55.0833 | 8.90000 | 0.000000E+00 |
| 802 | 56.5000 | 8.90000 | 0.000000E+00 |
| 803 | 58.0000 | 8.90000 | 0.000000E+00 |
| 804 | 59.3750 | 8.90000 | 0.000000E+00 |
| 805 | 60.7500 | 8.90000 | 0.000000E+00 |
| 806 | 62.1667 | 8.90000 | 0.000000E+00 |
| 807 | 63.5833 | 8.90000 | 0.000000E+00 |
| 808 | 65.0000 | 8.90000 | 0.000000E+00 |
| 809 | 66.3333 | 8.90000 | 0.000000E+00 |
| 810 | 67.6667 | 8.90000 | 0.000000E+00 |
| 811 | 69.0000 | 8.90000 | 0.000000E+00 |
| 812 | 70.0000 | 8.90000 | 0.000000E+00 |
| 813 | 71.5000 | 8.90000 | 0.000000E+00 |
| 814 | 73.0000 | 8.90000 | 0.000000E+00 |
| 815 | 74.3333 | 8.90000 | 0.000000E+00 |
| 816 | 75.6667 | 8.90000 | 0.000000E+00 |
| 817 | 77.0000 | 8.90000 | 0.000000E+00 |
| 818 | 78.3333 | 8.90000 | 0.000000E+00 |
| 819 | 79.6667 | 8.90000 | 0.000000E+00 |
| 820 | 81.0000 | 8.90000 | 0.000000E+00 |
| 821 | 0.000000E+00 | 10.5000 | 0.000000E+00 |
| 822 | 1.33333 | 10.5000 | 0.000000E+00 |
| 823 | 2.66667 | 10.5000 | 0.000000E+00 |
| 824 | 4.00000 | 10.5000 | 0.000000E+00 |
| 825 | 5.33333 | 10.5000 | 0.000000E+00 |
| 826 | 6.66667 | 10.5000 | 0.000000E+00 |
| 827 | 8.00000 | 10.5000 | 0.000000E+00 |
| 828 | 10.0000 | 10.5000 | 0.000000E+00 |
| 829 | 12.0000 | 10.5000 | 0.000000E+00 |
| 830 | 13.3333 | 10.5000 | 0.000000E+00 |
| 831 | 14.6667 | 10.5000 | 0.000000E+00 |
| 832 | 16.0000 | 10.5000 | 0.000000E+00 |
| 833 | 17.3333 | 10.5000 | 0.000000E+00 |
| 834 | 18.6667 | 10.5000 | 0.000000E+00 |
| 835 | 20.0000 | 10.5000 | 0.000000E+00 |
| 836 | 22.0000 | 10.5000 | 0.000000E+00 |
| 837 | 24.0000 | 10.5000 | 0.000000E+00 |
| 838 | 25.3333 | 10.5000 | 0.000000E+00 |
| 839 | 26.6667 | 10.5000 | 0.000000E+00 |
| 840 | 28.0000 | 10.5000 | 0.000000E+00 |
| 841 | 29.3333 | 10.5000 | 0.000000E+00 |
| 842 | 30.6667 | 10.5000 | 0.000000E+00 |
| 843 | 32.0000 | 10.5000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 844 | 34.0000 | 10.5000 | 0.000000E+00 |
| 845 | 36.0000 | 10.5000 | 0.000000E+00 |
| 846 | 37.3333 | 10.5000 | 0.000000E+00 |
| 847 | 38.6667 | 10.5000 | 0.000000E+00 |
| 848 | 40.0000 | 10.5000 | 0.000000E+00 |
| 849 | 41.3333 | 10.5000 | 0.000000E+00 |
| 850 | 42.6667 | 10.5000 | 0.000000E+00 |
| 851 | 44.0000 | 10.5000 | 0.000000E+00 |
| 852 | 46.0000 | 10.5000 | 0.000000E+00 |
| 853 | 48.0000 | 10.5000 | 0.000000E+00 |
| 854 | 49.4167 | 10.5000 | 0.000000E+00 |
| 855 | 50.8333 | 10.5000 | 0.000000E+00 |
| 856 | 52.2500 | 10.5000 | 0.000000E+00 |
| 857 | 53.6667 | 10.5000 | 0.000000E+00 |
| 858 | 55.0833 | 10.5000 | 0.000000E+00 |
| 859 | 56.5000 | 10.5000 | 0.000000E+00 |
| 860 | 58.0000 | 10.5000 | 0.000000E+00 |
| 861 | 59.3750 | 10.5000 | 0.000000E+00 |
| 862 | 60.7500 | 10.5000 | 0.000000E+00 |
| 863 | 62.1667 | 10.5000 | 0.000000E+00 |
| 864 | 63.5833 | 10.5000 | 0.000000E+00 |
| 865 | 65.0000 | 10.5000 | 0.000000E+00 |
| 866 | 66.3333 | 10.5000 | 0.000000E+00 |
| 867 | 67.6667 | 10.5000 | 0.000000E+00 |
| 868 | 69.0000 | 10.5000 | 0.000000E+00 |
| 869 | 70.0000 | 10.5000 | 0.000000E+00 |
| 870 | 71.5000 | 10.5000 | 0.000000E+00 |
| 871 | 73.0000 | 10.5000 | 0.000000E+00 |
| 872 | 74.3333 | 10.5000 | 0.000000E+00 |
| 873 | 75.6667 | 10.5000 | 0.000000E+00 |
| 874 | 77.0000 | 10.5000 | 0.000000E+00 |
| 875 | 78.3333 | 10.5000 | 0.000000E+00 |
| 876 | 79.6667 | 10.5000 | 0.000000E+00 |
| 877 | 81.0000 | 10.5000 | 0.000000E+00 |
| 878 | 0.000000E+00 | 11.2500 | 0.000000E+00 |
| 879 | 1.33333 | 11.2500 | 0.000000E+00 |
| 880 | 2.66667 | 11.2500 | 0.000000E+00 |
| 881 | 4.00000 | 11.2500 | 0.000000E+00 |
| 882 | 5.33333 | 11.2500 | 0.000000E+00 |
| 883 | 6.66667 | 11.2500 | 0.000000E+00 |
| 884 | 8.00000 | 11.2500 | 0.000000E+00 |
| 885 | 10.0000 | 11.2500 | 0.000000E+00 |
| 886 | 12.0000 | 11.2500 | 0.000000E+00 |
| 887 | 13.3333 | 11.2500 | 0.000000E+00 |
| 888 | 14.6667 | 11.2500 | 0.000000E+00 |
| 889 | 16.0000 | 11.2500 | 0.000000E+00 |
| 890 | 17.3333 | 11.2500 | 0.000000E+00 |
| 891 | 18.6667 | 11.2500 | 0.000000E+00 |
| 892 | 20.0000 | 11.2500 | 0.000000E+00 |
| 893 | 22.0000 | 11.2500 | 0.000000E+00 |
| 894 | 24.0000 | 11.2500 | 0.000000E+00 |
| 895 | 25.3333 | 11.2500 | 0.000000E+00 |
| 896 | 26.6667 | 11.2500 | 0.000000E+00 |
| 897 | 28.0000 | 11.2500 | 0.000000E+00 |
| 898 | 29.3333 | 11.2500 | 0.000000E+00 |
| 899 | 30.6667 | 11.2500 | 0.000000E+00 |
| 900 | 32.0000 | 11.2500 | 0.000000E+00 |
| 901 | 34.0000 | 11.2500 | 0.000000E+00 |
| 902 | 36.0000 | 11.2500 | 0.000000E+00 |
| 903 | 37.3333 | 11.2500 | 0.000000E+00 |
| 904 | 38.6667 | 11.2500 | 0.000000E+00 |
| 905 | 40.0000 | 11.2500 | 0.000000E+00 |
| 906 | 41.3333 | 11.2500 | 0.000000E+00 |
| 907 | 42.6667 | 11.2500 | 0.000000E+00 |
| 908 | 44.0000 | 11.2500 | 0.000000E+00 |
| 909 | 46.0000 | 11.2500 | 0.000000E+00 |
| 910 | 48.0000 | 11.2500 | 0.000000E+00 |
| 911 | 49.4167 | 11.2500 | 0.000000E+00 |
| 912 | 50.8333 | 11.2500 | 0.000000E+00 |
| 913 | 52.2500 | 11.2500 | 0.000000E+00 |
| 914 | 53.6667 | 11.2500 | 0.000000E+00 |
| 915 | 55.0833 | 11.2500 | 0.000000E+00 |
| 916 | 56.5000 | 11.2500 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 917 | 58.0000 | 11.2500 | 0.000000E+00 |
| 918 | 59.3750 | 11.2500 | 0.000000E+00 |
| 919 | 60.7500 | 11.2500 | 0.000000E+00 |
| 920 | 62.1667 | 11.2500 | 0.000000E+00 |
| 921 | 63.5833 | 11.2500 | 0.000000E+00 |
| 922 | 65.0000 | 11.2500 | 0.000000E+00 |
| 923 | 66.3333 | 11.2500 | 0.000000E+00 |
| 924 | 67.6667 | 11.2500 | 0.000000E+00 |
| 925 | 69.0000 | 11.2500 | 0.000000E+00 |
| 926 | 70.0000 | 11.2500 | 0.000000E+00 |
| 927 | 71.5000 | 11.2500 | 0.000000E+00 |
| 928 | 73.0000 | 11.2500 | 0.000000E+00 |
| 929 | 74.3333 | 11.2500 | 0.000000E+00 |
| 930 | 75.6667 | 11.2500 | 0.000000E+00 |
| 931 | 77.0000 | 11.2500 | 0.000000E+00 |
| 932 | 78.3333 | 11.2500 | 0.000000E+00 |
| 933 | 79.6667 | 11.2500 | 0.000000E+00 |
| 934 | 81.0000 | 11.2500 | 0.000000E+00 |
| 935 | 8.00000 | 3.35000 | 0.000000E+00 |
| 936 | 22.0000 | 3.35000 | 0.000000E+00 |
| 937 | 32.0000 | 3.35000 | 0.000000E+00 |
| 938 | 46.0000 | 3.35000 | 0.000000E+00 |
| 939 | 70.0000 | 3.35000 | 0.000000E+00 |
| 940 | 71.5000 | 3.35000 | 0.000000E+00 |
| 941 | 8.00000 | 9.90000 | 0.000000E+00 |
| 942 | 22.0000 | 9.90000 | 0.000000E+00 |
| 943 | 32.0000 | 9.90000 | 0.000000E+00 |
| 944 | 46.0000 | 9.90000 | 0.000000E+00 |
| 945 | 70.0000 | 9.90000 | 0.000000E+00 |
| 946 | 71.5000 | 9.90000 | 0.000000E+00 |
| 947 | 56.5000 | 3.35000 | 0.000000E+00 |
| 948 | 56.5000 | 9.90000 | 0.000000E+00 |
| 949 | 0.000000E+00 | 3.35000 | 0.000000E+00 |
| 950 | 1.33333 | 3.35000 | 0.000000E+00 |
| 951 | 2.66667 | 3.35000 | 0.000000E+00 |
| 952 | 4.00000 | 3.35000 | 0.000000E+00 |
| 953 | 5.33333 | 3.35000 | 0.000000E+00 |
| 954 | 6.66667 | 3.35000 | 0.000000E+00 |
| 955 | 0.000000E+00 | 9.90000 | 0.000000E+00 |
| 956 | 1.33333 | 9.90000 | 0.000000E+00 |
| 957 | 2.66667 | 9.90000 | 0.000000E+00 |
| 958 | 4.00000 | 9.90000 | 0.000000E+00 |
| 959 | 5.33333 | 9.90000 | 0.000000E+00 |
| 960 | 6.66667 | 9.90000 | 0.000000E+00 |
| 961 | 10.0000 | 3.35000 | 0.000000E+00 |
| 962 | 12.0000 | 3.35000 | 0.000000E+00 |
| 963 | 13.3333 | 3.35000 | 0.000000E+00 |
| 964 | 14.6667 | 3.35000 | 0.000000E+00 |
| 965 | 10.0000 | 9.90000 | 0.000000E+00 |
| 966 | 12.0000 | 9.90000 | 0.000000E+00 |
| 967 | 13.3333 | 9.90000 | 0.000000E+00 |
| 968 | 14.6667 | 9.90000 | 0.000000E+00 |
| 969 | 16.0000 | 3.35000 | 0.000000E+00 |
| 970 | 17.3333 | 3.35000 | 0.000000E+00 |
| 971 | 18.6667 | 3.35000 | 0.000000E+00 |
| 972 | 20.0000 | 3.35000 | 0.000000E+00 |
| 973 | 16.0000 | 9.90000 | 0.000000E+00 |
| 974 | 17.3333 | 9.90000 | 0.000000E+00 |
| 975 | 18.6667 | 9.90000 | 0.000000E+00 |
| 976 | 20.0000 | 9.90000 | 0.000000E+00 |
| 977 | 24.0000 | 3.35000 | 0.000000E+00 |
| 978 | 25.3333 | 3.35000 | 0.000000E+00 |
| 979 | 26.6667 | 3.35000 | 0.000000E+00 |
| 980 | 28.0000 | 3.35000 | 0.000000E+00 |
| 981 | 29.3333 | 3.35000 | 0.000000E+00 |
| 982 | 30.6667 | 3.35000 | 0.000000E+00 |
| 983 | 24.0000 | 9.90000 | 0.000000E+00 |
| 984 | 25.3333 | 9.90000 | 0.000000E+00 |
| 985 | 26.6667 | 9.90000 | 0.000000E+00 |
| 986 | 28.0000 | 9.90000 | 0.000000E+00 |
| 987 | 29.3333 | 9.90000 | 0.000000E+00 |
| 988 | 30.6667 | 9.90000 | 0.000000E+00 |
| 989 | 34.0000 | 3.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 990 | 36.0000 | 3.35000 | 0.000000E+00 |
| 991 | 37.3333 | 3.35000 | 0.000000E+00 |
| 992 | 38.6667 | 3.35000 | 0.000000E+00 |
| 993 | 34.0000 | 9.90000 | 0.000000E+00 |
| 994 | 36.0000 | 9.90000 | 0.000000E+00 |
| 995 | 37.3333 | 9.90000 | 0.000000E+00 |
| 996 | 38.6667 | 9.90000 | 0.000000E+00 |
| 997 | 40.0000 | 3.35000 | 0.000000E+00 |
| 998 | 41.3333 | 3.35000 | 0.000000E+00 |
| 999 | 42.6667 | 3.35000 | 0.000000E+00 |
| 1000 | 44.0000 | 3.35000 | 0.000000E+00 |
| 1001 | 40.0000 | 9.90000 | 0.000000E+00 |
| 1002 | 41.3333 | 9.90000 | 0.000000E+00 |
| 1003 | 42.6667 | 9.90000 | 0.000000E+00 |
| 1004 | 44.0000 | 9.90000 | 0.000000E+00 |
| 1005 | 48.0000 | 3.35000 | 0.000000E+00 |
| 1006 | 49.4167 | 3.35000 | 0.000000E+00 |
| 1007 | 50.8333 | 3.35000 | 0.000000E+00 |
| 1008 | 52.2500 | 3.35000 | 0.000000E+00 |
| 1009 | 53.6667 | 3.35000 | 0.000000E+00 |
| 1010 | 55.0833 | 3.35000 | 0.000000E+00 |
| 1011 | 48.0000 | 9.90000 | 0.000000E+00 |
| 1012 | 49.4167 | 9.90000 | 0.000000E+00 |
| 1013 | 50.8333 | 9.90000 | 0.000000E+00 |
| 1014 | 52.2500 | 9.90000 | 0.000000E+00 |
| 1015 | 53.6667 | 9.90000 | 0.000000E+00 |
| 1016 | 55.0833 | 9.90000 | 0.000000E+00 |
| 1017 | 58.0000 | 3.35000 | 0.000000E+00 |
| 1018 | 59.3750 | 3.35000 | 0.000000E+00 |
| 1019 | 60.7500 | 3.35000 | 0.000000E+00 |
| 1020 | 62.1667 | 3.35000 | 0.000000E+00 |
| 1021 | 63.5833 | 3.35000 | 0.000000E+00 |
| 1022 | 58.0000 | 9.90000 | 0.000000E+00 |
| 1023 | 59.3750 | 9.90000 | 0.000000E+00 |
| 1024 | 60.7500 | 9.90000 | 0.000000E+00 |
| 1025 | 62.1667 | 9.90000 | 0.000000E+00 |
| 1026 | 63.5833 | 9.90000 | 0.000000E+00 |
| 1027 | 65.0000 | 3.35000 | 0.000000E+00 |
| 1028 | 66.3333 | 3.35000 | 0.000000E+00 |
| 1029 | 67.6667 | 3.35000 | 0.000000E+00 |
| 1030 | 69.0000 | 3.35000 | 0.000000E+00 |
| 1031 | 65.0000 | 9.90000 | 0.000000E+00 |
| 1032 | 66.3333 | 9.90000 | 0.000000E+00 |
| 1033 | 67.6667 | 9.90000 | 0.000000E+00 |
| 1034 | 69.0000 | 9.90000 | 0.000000E+00 |
| 1035 | 73.0000 | 3.35000 | 0.000000E+00 |
| 1036 | 74.3333 | 3.35000 | 0.000000E+00 |
| 1037 | 75.6667 | 3.35000 | 0.000000E+00 |
| 1038 | 77.0000 | 3.35000 | 0.000000E+00 |
| 1039 | 78.3333 | 3.35000 | 0.000000E+00 |
| 1040 | 79.6667 | 3.35000 | 0.000000E+00 |
| 1041 | 73.0000 | 9.90000 | 0.000000E+00 |
| 1042 | 74.3333 | 9.90000 | 0.000000E+00 |
| 1043 | 75.6667 | 9.90000 | 0.000000E+00 |
| 1044 | 77.0000 | 9.90000 | 0.000000E+00 |
| 1045 | 78.3333 | 9.90000 | 0.000000E+00 |
| 1046 | 79.6667 | 9.90000 | 0.000000E+00 |
| 1047 | -1.00000 | 2.35000 | -1.10000 |
| 1048 | -1.00000 | 3.98750 | -1.10000 |
| 1049 | -1.00000 | 5.62500 | -1.10000 |
| 1050 | -1.00000 | 7.26250 | -1.10000 |
| 1051 | 7.00000 | 2.35000 | -1.10000 |
| 1052 | 7.00000 | 3.98750 | -1.10000 |
| 1053 | 7.00000 | 5.62500 | -1.10000 |
| 1054 | 7.00000 | 7.26250 | -1.10000 |
| 1055 | 15.0000 | 2.35000 | -1.10000 |
| 1056 | 15.0000 | 3.98750 | -1.10000 |
| 1057 | 15.0000 | 5.62500 | -1.10000 |
| 1058 | 15.0000 | 7.26250 | -1.10000 |
| 1059 | 23.0000 | 2.35000 | -1.10000 |
| 1060 | 23.0000 | 3.98750 | -1.10000 |
| 1061 | 23.0000 | 5.62500 | -1.10000 |
| 1062 | 23.0000 | 7.26250 | -1.10000 |

| | | | |
|---|---|---|---|
| 1063 | 31.0000 | 2.35000 | -1.10000 |
| 1064 | 31.0000 | 3.98750 | -1.10000 |
| 1065 | 31.0000 | 5.62500 | -1.10000 |
| 1066 | 31.0000 | 7.26250 | -1.10000 |
| 1067 | 39.0000 | 2.35000 | -1.10000 |
| 1068 | 39.0000 | 3.98750 | -1.10000 |
| 1069 | 39.0000 | 5.62500 | -1.10000 |
| 1070 | 39.0000 | 7.26250 | -1.10000 |
| 1071 | 47.0000 | 2.35000 | -1.10000 |
| 1072 | 47.0000 | 3.98750 | -1.10000 |
| 1073 | 47.0000 | 5.62500 | -1.10000 |
| 1074 | 47.0000 | 7.26250 | -1.10000 |
| 1075 | 55.5000 | 2.35000 | -1.10000 |
| 1076 | 55.5000 | 3.98750 | -1.10000 |
| 1077 | 55.5000 | 5.62500 | -1.10000 |
| 1078 | 55.5000 | 7.26250 | -1.10000 |
| 1079 | 64.0000 | 2.35000 | -1.10000 |
| 1080 | 64.0000 | 3.98750 | -1.10000 |
| 1081 | 64.0000 | 5.62500 | -1.10000 |
| 1082 | 64.0000 | 7.26250 | -1.10000 |
| 1083 | 72.0000 | 2.35000 | -1.10000 |
| 1084 | 72.0000 | 3.98750 | -1.10000 |
| 1085 | 72.0000 | 5.62500 | -1.10000 |
| 1086 | 72.0000 | 7.26250 | -1.10000 |
| 1087 | 80.0000 | 2.35000 | -1.10000 |
| 1088 | 80.0000 | 3.98750 | -1.10000 |
| 1089 | 80.0000 | 5.62500 | -1.10000 |
| 1090 | 80.0000 | 7.26250 | -1.10000 |
| 1091 | 41.0917 | 8.90000 | -2.80000 |
| 1092 | 41.0917 | 5.62500 | -2.80000 |
| 1093 | 40.0000 | 4.62500 | -6.80000 |
| 1094 | 40.0000 | 4.62500 | -5.46667 |
| 1095 | 40.0000 | 4.62500 | -4.13333 |
| 1096 | 40.0000 | 4.62500 | -8.60000 |
| 1097 | 40.0000 | 9.90000 | -2.30000 |
| 1098 | 40.0000 | 3.35000 | -2.30000 |
| 1099 | 79.9083 | 5.62500 | -2.80000 |
| 1100 | 81.0000 | 7.90000 | -2.80000 |
| 1101 | 81.0000 | 3.35000 | -2.30000 |
| 1102 | 79.9083 | 2.35000 | -2.80000 |
| 1103 | -1.09167 | 5.62500 | -2.80000 |
| 1104 | 0.000000E+00 | 7.90000 | -2.80000 |
| 1105 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1106 | -1.09167 | 2.35000 | -2.80000 |
| 1107 | 1.00000 | 8.90000 | -1.75000 |
| 1108 | 1.00000 | 8.90000 | -1.42500 |
| 1109 | 1.00000 | 8.90000 | -2.30000 |
| 1110 | 1.00000 | 8.90000 | -2.02500 |
| 1111 | 9.00000 | 8.90000 | -1.49500 |
| 1112 | 9.00000 | 8.90000 | -1.29750 |
| 1113 | 9.00000 | 8.90000 | -2.30000 |
| 1114 | 9.00000 | 8.90000 | -1.89750 |
| 1115 | 17.0000 | 8.90000 | -1.49500 |
| 1116 | 17.0000 | 8.90000 | -1.29750 |
| 1117 | 17.0000 | 8.90000 | -2.30000 |
| 1118 | 17.0000 | 8.90000 | -1.89750 |
| 1119 | 25.0000 | 8.90000 | -1.49500 |
| 1120 | 25.0000 | 8.90000 | -1.29750 |
| 1121 | 25.0000 | 8.90000 | -2.30000 |
| 1122 | 25.0000 | 8.90000 | -1.89750 |
| 1123 | 33.0000 | 8.90000 | -1.49500 |
| 1124 | 33.0000 | 8.90000 | -1.29750 |
| 1125 | 33.0000 | 8.90000 | -2.30000 |
| 1126 | 33.0000 | 8.90000 | -1.89750 |
| 1127 | 41.0000 | 8.90000 | -1.75000 |
| 1128 | 41.0000 | 8.90000 | -1.42500 |
| 1129 | 41.0000 | 8.90000 | -2.30000 |
| 1130 | 41.0000 | 8.90000 | -2.02500 |
| 1131 | 49.0000 | 8.90000 | -1.49500 |
| 1132 | 49.0000 | 8.90000 | -1.29750 |
| 1133 | 49.0000 | 8.90000 | -2.30000 |
| 1134 | 49.0000 | 8.90000 | -1.89750 |
| 1135 | 57.5000 | 8.90000 | -1.49500 |

| | | | |
|---|---|---|---|
| 1136 | 57.5000 | 8.90000 | -1.29750 |
| 1137 | 57.5000 | 8.90000 | -2.30000 |
| 1138 | 57.5000 | 8.90000 | -1.89750 |
| 1139 | 66.0000 | 8.90000 | -1.49500 |
| 1140 | 66.0000 | 8.90000 | -1.29750 |
| 1141 | 66.0000 | 8.90000 | -2.30000 |
| 1142 | 66.0000 | 8.90000 | -1.89750 |
| 1143 | 74.0000 | 8.90000 | -1.49500 |
| 1144 | 74.0000 | 8.90000 | -1.29750 |
| 1145 | 74.0000 | 8.90000 | -2.30000 |
| 1146 | 74.0000 | 8.90000 | -1.89750 |
| 1147 | 82.0000 | 8.90000 | -1.75000 |
| 1148 | 82.0000 | 8.90000 | -1.42500 |
| 1149 | 82.0000 | 8.90000 | -2.30000 |
| 1150 | 82.0000 | 8.90000 | -2.02500 |
| 1151 | -1.00000 | 2.35000 | -1.75000 |
| 1152 | -1.00000 | 2.35000 | -1.42500 |
| 1153 | -1.00000 | 2.35000 | -2.30000 |
| 1154 | -1.00000 | 2.35000 | -2.02500 |
| 1155 | 7.00000 | 2.35000 | -1.49500 |
| 1156 | 7.00000 | 2.35000 | -1.29750 |
| 1157 | 7.00000 | 2.35000 | -2.30000 |
| 1158 | 7.00000 | 2.35000 | -1.89750 |
| 1159 | 15.0000 | 2.35000 | -1.49500 |
| 1160 | 15.0000 | 2.35000 | -1.29750 |
| 1161 | 15.0000 | 2.35000 | -2.30000 |
| 1162 | 15.0000 | 2.35000 | -1.89750 |
| 1163 | 23.0000 | 2.35000 | -1.49500 |
| 1164 | 23.0000 | 2.35000 | -1.29750 |
| 1165 | 23.0000 | 2.35000 | -2.30000 |
| 1166 | 23.0000 | 2.35000 | -1.89750 |
| 1167 | 31.0000 | 2.35000 | -1.49500 |
| 1168 | 31.0000 | 2.35000 | -1.29750 |
| 1169 | 31.0000 | 2.35000 | -2.30000 |
| 1170 | 31.0000 | 2.35000 | -1.89750 |
| 1171 | 39.0000 | 2.35000 | -1.75000 |
| 1172 | 39.0000 | 2.35000 | -1.42500 |
| 1173 | 39.0000 | 2.35000 | -2.30000 |
| 1174 | 39.0000 | 2.35000 | -2.02500 |
| 1175 | 47.0000 | 2.35000 | -1.49500 |
| 1176 | 47.0000 | 2.35000 | -1.29750 |
| 1177 | 47.0000 | 2.35000 | -2.30000 |
| 1178 | 47.0000 | 2.35000 | -1.89750 |
| 1179 | 55.5000 | 2.35000 | -1.49500 |
| 1180 | 55.5000 | 2.35000 | -1.29750 |
| 1181 | 55.5000 | 2.35000 | -2.30000 |
| 1182 | 55.5000 | 2.35000 | -1.89750 |
| 1183 | 64.0000 | 2.35000 | -1.49500 |
| 1184 | 64.0000 | 2.35000 | -1.29750 |
| 1185 | 64.0000 | 2.35000 | -2.30000 |
| 1186 | 64.0000 | 2.35000 | -1.89750 |
| 1187 | 72.0000 | 2.35000 | -1.49500 |
| 1188 | 72.0000 | 2.35000 | -1.29750 |
| 1189 | 72.0000 | 2.35000 | -2.30000 |
| 1190 | 72.0000 | 2.35000 | -1.89750 |
| 1191 | 80.0000 | 2.35000 | -1.75000 |
| 1192 | 80.0000 | 2.35000 | -1.42500 |
| 1193 | 80.0000 | 2.35000 | -2.30000 |
| 1194 | 80.0000 | 2.35000 | -2.02500 |
| 1195 | 1.00000 | 8.90000 | -0.450000 |
| 1196 | 1.00000 | 8.90000 | -0.225000 |
| 1197 | 1.00000 | 8.90000 | -1.10000 |
| 1198 | 1.00000 | 8.90000 | -0.775000 |
| 1199 | 9.00000 | 8.90000 | -0.705000 |
| 1200 | 9.00000 | 8.90000 | -0.352500 |
| 1201 | 9.00000 | 8.90000 | -1.10000 |
| 1202 | 9.00000 | 8.90000 | -0.902500 |
| 1203 | 17.0000 | 8.90000 | -0.705000 |
| 1204 | 17.0000 | 8.90000 | -0.352500 |
| 1205 | 17.0000 | 8.90000 | -1.10000 |
| 1206 | 17.0000 | 8.90000 | -0.902500 |
| 1207 | 25.0000 | 8.90000 | -0.705000 |
| 1208 | 25.0000 | 8.90000 | -0.352500 |

| | | | |
|---|---|---|---|
| 1209 | 25.0000 | 8.90000 | -1.10000 |
| 1210 | 25.0000 | 8.90000 | -0.902500 |
| 1211 | 33.0000 | 8.90000 | -0.705000 |
| 1212 | 33.0000 | 8.90000 | -0.352500 |
| 1213 | 33.0000 | 8.90000 | -1.10000 |
| 1214 | 33.0000 | 8.90000 | -0.902500 |
| 1215 | 41.0000 | 8.90000 | -0.450000 |
| 1216 | 41.0000 | 8.90000 | -0.225000 |
| 1217 | 41.0000 | 8.90000 | -1.10000 |
| 1218 | 41.0000 | 8.90000 | -0.775000 |
| 1219 | 49.0000 | 8.90000 | -0.705000 |
| 1220 | 49.0000 | 8.90000 | -0.352500 |
| 1221 | 49.0000 | 8.90000 | -1.10000 |
| 1222 | 49.0000 | 8.90000 | -0.902500 |
| 1223 | 57.5000 | 8.90000 | -0.705000 |
| 1224 | 57.5000 | 8.90000 | -0.352500 |
| 1225 | 57.5000 | 8.90000 | -1.10000 |
| 1226 | 57.5000 | 8.90000 | -0.902500 |
| 1227 | 66.0000 | 8.90000 | -0.705000 |
| 1228 | 66.0000 | 8.90000 | -0.352500 |
| 1229 | 66.0000 | 8.90000 | -1.10000 |
| 1230 | 66.0000 | 8.90000 | -0.902500 |
| 1231 | 74.0000 | 8.90000 | -0.705000 |
| 1232 | 74.0000 | 8.90000 | -0.352500 |
| 1233 | 74.0000 | 8.90000 | -1.10000 |
| 1234 | 74.0000 | 8.90000 | -0.902500 |
| 1235 | 82.0000 | 8.90000 | -0.450000 |
| 1236 | 82.0000 | 8.90000 | -0.225000 |
| 1237 | 82.0000 | 8.90000 | -1.10000 |
| 1238 | 82.0000 | 8.90000 | -0.775000 |
| 1239 | -1.00000 | 2.35000 | -0.450000 |
| 1240 | -1.00000 | 2.35000 | -0.225000 |
| 1241 | -1.00000 | 2.35000 | -1.10000 |
| 1242 | -1.00000 | 2.35000 | -0.775000 |
| 1243 | 7.00000 | 2.35000 | -0.705000 |
| 1244 | 7.00000 | 2.35000 | -0.352500 |
| 1245 | 7.00000 | 2.35000 | -1.10000 |
| 1246 | 7.00000 | 2.35000 | -0.902500 |
| 1247 | 15.0000 | 2.35000 | -0.705000 |
| 1248 | 15.0000 | 2.35000 | -0.352500 |
| 1249 | 15.0000 | 2.35000 | -1.10000 |
| 1250 | 15.0000 | 2.35000 | -0.902500 |
| 1251 | 23.0000 | 2.35000 | -0.705000 |
| 1252 | 23.0000 | 2.35000 | -0.352500 |
| 1253 | 23.0000 | 2.35000 | -1.10000 |
| 1254 | 23.0000 | 2.35000 | -0.902500 |
| 1255 | 31.0000 | 2.35000 | -0.705000 |
| 1256 | 31.0000 | 2.35000 | -0.352500 |
| 1257 | 31.0000 | 2.35000 | -1.10000 |
| 1258 | 31.0000 | 2.35000 | -0.902500 |
| 1259 | 39.0000 | 2.35000 | -0.450000 |
| 1260 | 39.0000 | 2.35000 | -0.225000 |
| 1261 | 39.0000 | 2.35000 | -1.10000 |
| 1262 | 39.0000 | 2.35000 | -0.775000 |
| 1263 | 47.0000 | 2.35000 | -0.705000 |
| 1264 | 47.0000 | 2.35000 | -0.352500 |
| 1265 | 47.0000 | 2.35000 | -1.10000 |
| 1266 | 47.0000 | 2.35000 | -0.902500 |
| 1267 | 55.5000 | 2.35000 | -0.705000 |
| 1268 | 55.5000 | 2.35000 | -0.352500 |
| 1269 | 55.5000 | 2.35000 | -1.10000 |
| 1270 | 55.5000 | 2.35000 | -0.902500 |
| 1271 | 64.0000 | 2.35000 | -0.705000 |
| 1272 | 64.0000 | 2.35000 | -0.352500 |
| 1273 | 64.0000 | 2.35000 | -1.10000 |
| 1274 | 64.0000 | 2.35000 | -0.902500 |
| 1275 | 72.0000 | 2.35000 | -0.705000 |
| 1276 | 72.0000 | 2.35000 | -0.352500 |
| 1277 | 72.0000 | 2.35000 | -1.10000 |
| 1278 | 72.0000 | 2.35000 | -0.902500 |
| 1279 | 80.0000 | 2.35000 | -0.450000 |
| 1280 | 80.0000 | 2.35000 | -0.225000 |
| 1281 | 80.0000 | 2.35000 | -1.10000 |

| | | | |
|---|---|---|---|
| 1282 | 80.0000 | 2.35000 | -0.775000 |
| 1283 | 3.00000 | 2.35000 | -1.10000 |
| 1284 | 3.00000 | 3.98750 | -1.10000 |
| 1285 | 3.00000 | 5.62500 | -1.10000 |
| 1286 | 3.00000 | 7.26250 | -1.10000 |
| 1287 | 5.00000 | 8.90000 | -1.49500 |
| 1288 | 5.00000 | 8.90000 | -1.29750 |
| 1289 | 5.00000 | 8.90000 | -2.30000 |
| 1290 | 5.00000 | 8.90000 | -1.89750 |
| 1291 | 3.00000 | 2.35000 | -1.49500 |
| 1292 | 3.00000 | 2.35000 | -1.29750 |
| 1293 | 3.00000 | 2.35000 | -2.30000 |
| 1294 | 3.00000 | 2.35000 | -1.89750 |
| 1295 | 5.00000 | 8.90000 | -0.705000 |
| 1296 | 5.00000 | 8.90000 | -0.352500 |
| 1297 | 5.00000 | 8.90000 | -1.10000 |
| 1298 | 5.00000 | 8.90000 | -0.902500 |
| 1299 | 3.00000 | 2.35000 | -0.705000 |
| 1300 | 3.00000 | 2.35000 | -0.352500 |
| 1301 | 3.00000 | 2.35000 | -1.10000 |
| 1302 | 3.00000 | 2.35000 | -0.902500 |
| 1303 | 11.0000 | 2.35000 | -1.10000 |
| 1304 | 11.0000 | 3.98750 | -1.10000 |
| 1305 | 11.0000 | 5.62500 | -1.10000 |
| 1306 | 11.0000 | 7.26250 | -1.10000 |
| 1307 | 13.0000 | 8.90000 | -1.49500 |
| 1308 | 13.0000 | 8.90000 | -1.29750 |
| 1309 | 13.0000 | 8.90000 | -2.30000 |
| 1310 | 13.0000 | 8.90000 | -1.89750 |
| 1311 | 11.0000 | 2.35000 | -1.49500 |
| 1312 | 11.0000 | 2.35000 | -1.29750 |
| 1313 | 11.0000 | 2.35000 | -2.30000 |
| 1314 | 11.0000 | 2.35000 | -1.89750 |
| 1315 | 13.0000 | 8.90000 | -0.705000 |
| 1316 | 13.0000 | 8.90000 | -0.352500 |
| 1317 | 13.0000 | 8.90000 | -1.10000 |
| 1318 | 13.0000 | 8.90000 | -0.902500 |
| 1319 | 11.0000 | 2.35000 | -0.705000 |
| 1320 | 11.0000 | 2.35000 | -0.352500 |
| 1321 | 11.0000 | 2.35000 | -1.10000 |
| 1322 | 11.0000 | 2.35000 | -0.902500 |
| 1323 | 19.0000 | 2.35000 | -1.10000 |
| 1324 | 19.0000 | 3.98750 | -1.10000 |
| 1325 | 19.0000 | 5.62500 | -1.10000 |
| 1326 | 19.0000 | 7.26250 | -1.10000 |
| 1327 | 21.0000 | 8.90000 | -1.49500 |
| 1328 | 21.0000 | 8.90000 | -1.29750 |
| 1329 | 21.0000 | 8.90000 | -2.30000 |
| 1330 | 21.0000 | 8.90000 | -1.89750 |
| 1331 | 19.0000 | 2.35000 | -1.49500 |
| 1332 | 19.0000 | 2.35000 | -1.29750 |
| 1333 | 19.0000 | 2.35000 | -2.30000 |
| 1334 | 19.0000 | 2.35000 | -1.89750 |
| 1335 | 21.0000 | 8.90000 | -0.705000 |
| 1336 | 21.0000 | 8.90000 | -0.352500 |
| 1337 | 21.0000 | 8.90000 | -1.10000 |
| 1338 | 21.0000 | 8.90000 | -0.902500 |
| 1339 | 19.0000 | 2.35000 | -0.705000 |
| 1340 | 19.0000 | 2.35000 | -0.352500 |
| 1341 | 19.0000 | 2.35000 | -1.10000 |
| 1342 | 19.0000 | 2.35000 | -0.902500 |
| 1343 | 27.0000 | 2.35000 | -1.10000 |
| 1344 | 27.0000 | 3.98750 | -1.10000 |
| 1345 | 27.0000 | 5.62500 | -1.10000 |
| 1346 | 27.0000 | 7.26250 | -1.10000 |
| 1347 | 29.0000 | 8.90000 | -1.49500 |
| 1348 | 29.0000 | 8.90000 | -1.29750 |
| 1349 | 29.0000 | 8.90000 | -2.30000 |
| 1350 | 29.0000 | 8.90000 | -1.89750 |
| 1351 | 27.0000 | 2.35000 | -1.49500 |
| 1352 | 27.0000 | 2.35000 | -1.29750 |
| 1353 | 27.0000 | 2.35000 | -2.30000 |
| 1354 | 27.0000 | 2.35000 | -1.89750 |

| | | | |
|---|---|---|---|
| 1355 | 29.0000 | 8.90000 | -0.705000 |
| 1356 | 29.0000 | 8.90000 | -0.352500 |
| 1357 | 29.0000 | 8.90000 | -1.10000 |
| 1358 | 29.0000 | 8.90000 | -0.902500 |
| 1359 | 27.0000 | 2.35000 | -0.705000 |
| 1360 | 27.0000 | 2.35000 | -0.352500 |
| 1361 | 27.0000 | 2.35000 | -1.10000 |
| 1362 | 27.0000 | 2.35000 | -0.902500 |
| 1363 | 35.0000 | 2.35000 | -1.10000 |
| 1364 | 35.0000 | 3.98750 | -1.10000 |
| 1365 | 35.0000 | 5.62500 | -1.10000 |
| 1366 | 35.0000 | 7.26250 | -1.10000 |
| 1367 | 37.0000 | 8.90000 | -1.49500 |
| 1368 | 37.0000 | 8.90000 | -1.29750 |
| 1369 | 37.0000 | 8.90000 | -2.30000 |
| 1370 | 37.0000 | 8.90000 | -1.89750 |
| 1371 | 35.0000 | 2.35000 | -1.49500 |
| 1372 | 35.0000 | 2.35000 | -1.29750 |
| 1373 | 35.0000 | 2.35000 | -2.30000 |
| 1374 | 35.0000 | 2.35000 | -1.89750 |
| 1375 | 37.0000 | 8.90000 | -0.705000 |
| 1376 | 37.0000 | 8.90000 | -0.352500 |
| 1377 | 37.0000 | 8.90000 | -1.10000 |
| 1378 | 37.0000 | 8.90000 | -0.902500 |
| 1379 | 35.0000 | 2.35000 | -0.705000 |
| 1380 | 35.0000 | 2.35000 | -0.352500 |
| 1381 | 35.0000 | 2.35000 | -1.10000 |
| 1382 | 35.0000 | 2.35000 | -0.902500 |
| 1383 | 43.0000 | 2.35000 | -1.10000 |
| 1384 | 43.0000 | 3.98750 | -1.10000 |
| 1385 | 43.0000 | 5.62500 | -1.10000 |
| 1386 | 43.0000 | 7.26250 | -1.10000 |
| 1387 | 45.0000 | 8.90000 | -1.49500 |
| 1388 | 45.0000 | 8.90000 | -1.29750 |
| 1389 | 45.0000 | 8.90000 | -2.30000 |
| 1390 | 45.0000 | 8.90000 | -1.89750 |
| 1391 | 43.0000 | 2.35000 | -1.49500 |
| 1392 | 43.0000 | 2.35000 | -1.29750 |
| 1393 | 43.0000 | 2.35000 | -2.30000 |
| 1394 | 43.0000 | 2.35000 | -1.89750 |
| 1395 | 45.0000 | 8.90000 | -0.705000 |
| 1396 | 45.0000 | 8.90000 | -0.352500 |
| 1397 | 45.0000 | 8.90000 | -1.10000 |
| 1398 | 45.0000 | 8.90000 | -0.902500 |
| 1399 | 43.0000 | 2.35000 | -0.705000 |
| 1400 | 43.0000 | 2.35000 | -0.352500 |
| 1401 | 43.0000 | 2.35000 | -1.10000 |
| 1402 | 43.0000 | 2.35000 | -0.902500 |
| 1403 | 51.2500 | 2.35000 | -1.10000 |
| 1404 | 51.2500 | 3.98750 | -1.10000 |
| 1405 | 51.2500 | 5.62500 | -1.10000 |
| 1406 | 51.2500 | 7.26250 | -1.10000 |
| 1407 | 53.2500 | 8.90000 | -1.49500 |
| 1408 | 53.2500 | 8.90000 | -1.29750 |
| 1409 | 53.2500 | 8.90000 | -2.30000 |
| 1410 | 53.2500 | 8.90000 | -1.89750 |
| 1411 | 51.2500 | 2.35000 | -1.49500 |
| 1412 | 51.2500 | 2.35000 | -1.29750 |
| 1413 | 51.2500 | 2.35000 | -2.30000 |
| 1414 | 51.2500 | 2.35000 | -1.89750 |
| 1415 | 53.2500 | 8.90000 | -0.705000 |
| 1416 | 53.2500 | 8.90000 | -0.352500 |
| 1417 | 53.2500 | 8.90000 | -1.10000 |
| 1418 | 53.2500 | 8.90000 | -0.902500 |
| 1419 | 51.2500 | 2.35000 | -0.705000 |
| 1420 | 51.2500 | 2.35000 | -0.352500 |
| 1421 | 51.2500 | 2.35000 | -1.10000 |
| 1422 | 51.2500 | 2.35000 | -0.902500 |
| 1423 | 59.7500 | 2.35000 | -1.10000 |
| 1424 | 59.7500 | 3.98750 | -1.10000 |
| 1425 | 59.7500 | 5.62500 | -1.10000 |
| 1426 | 59.7500 | 7.26250 | -1.10000 |
| 1427 | 61.7500 | 8.90000 | -1.49500 |

| | | | |
|---|---|---|---|
| 1428 | 61.7500 | 8.90000 | -1.29750 |
| 1429 | 61.7500 | 8.90000 | -2.30000 |
| 1430 | 61.7500 | 8.90000 | -1.89750 |
| 1431 | 59.7500 | 2.35000 | -1.49500 |
| 1432 | 59.7500 | 2.35000 | -1.29750 |
| 1433 | 59.7500 | 2.35000 | -2.30000 |
| 1434 | 59.7500 | 2.35000 | -1.89750 |
| 1435 | 61.7500 | 8.90000 | -0.705000 |
| 1436 | 61.7500 | 8.90000 | -0.352500 |
| 1437 | 61.7500 | 8.90000 | -1.10000 |
| 1438 | 61.7500 | 8.90000 | -0.902500 |
| 1439 | 59.7500 | 2.35000 | -0.705000 |
| 1440 | 59.7500 | 2.35000 | -0.352500 |
| 1441 | 59.7500 | 2.35000 | -1.10000 |
| 1442 | 59.7500 | 2.35000 | -0.902500 |
| 1443 | 68.0000 | 2.35000 | -1.10000 |
| 1444 | 68.0000 | 3.98750 | -1.10000 |
| 1445 | 68.0000 | 5.62500 | -1.10000 |
| 1446 | 68.0000 | 7.26250 | -1.10000 |
| 1447 | 70.0000 | 8.90000 | -1.49500 |
| 1448 | 70.0000 | 8.90000 | -1.29750 |
| 1449 | 70.0000 | 8.90000 | -2.30000 |
| 1450 | 70.0000 | 8.90000 | -1.89750 |
| 1451 | 68.0000 | 2.35000 | -1.49500 |
| 1452 | 68.0000 | 2.35000 | -1.29750 |
| 1453 | 68.0000 | 2.35000 | -2.30000 |
| 1454 | 68.0000 | 2.35000 | -1.89750 |
| 1455 | 70.0000 | 8.90000 | -0.705000 |
| 1456 | 70.0000 | 8.90000 | -0.352500 |
| 1457 | 70.0000 | 8.90000 | -1.10000 |
| 1458 | 70.0000 | 8.90000 | -0.902500 |
| 1459 | 68.0000 | 2.35000 | -0.705000 |
| 1460 | 68.0000 | 2.35000 | -0.352500 |
| 1461 | 68.0000 | 2.35000 | -1.10000 |
| 1462 | 68.0000 | 2.35000 | -0.902500 |
| 1463 | 76.0000 | 2.35000 | -1.10000 |
| 1464 | 76.0000 | 3.98750 | -1.10000 |
| 1465 | 76.0000 | 5.62500 | -1.10000 |
| 1466 | 76.0000 | 7.26250 | -1.10000 |
| 1467 | 78.0000 | 8.90000 | -1.49500 |
| 1468 | 78.0000 | 8.90000 | -1.29750 |
| 1469 | 78.0000 | 8.90000 | -2.30000 |
| 1470 | 78.0000 | 8.90000 | -1.89750 |
| 1471 | 76.0000 | 2.35000 | -1.49500 |
| 1472 | 76.0000 | 2.35000 | -1.29750 |
| 1473 | 76.0000 | 2.35000 | -2.30000 |
| 1474 | 76.0000 | 2.35000 | -1.89750 |
| 1475 | 78.0000 | 8.90000 | -0.705000 |
| 1476 | 78.0000 | 8.90000 | -0.352500 |
| 1477 | 78.0000 | 8.90000 | -1.10000 |
| 1478 | 78.0000 | 8.90000 | -0.902500 |
| 1479 | 76.0000 | 2.35000 | -0.705000 |
| 1480 | 76.0000 | 2.35000 | -0.352500 |
| 1481 | 76.0000 | 2.35000 | -1.10000 |
| 1482 | 76.0000 | 2.35000 | -0.902500 |
| 1483 | 41.0000 | 8.90000 | -2.30000 |
| 1484 | 40.0000 | 9.90000 | -2.30000 |
| 1485 | 41.0000 | 2.35000 | -2.30000 |
| 1486 | 40.0000 | 3.35000 | -2.30000 |
| 1487 | 1.00000 | 2.35000 | -2.30000 |
| 1488 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1489 | 1.00000 | 8.90000 | -2.30000 |
| 1490 | 0.000000E+00 | 9.90000 | -2.30000 |
| 1491 | 82.0000 | 2.35000 | -2.30000 |
| 1492 | 81.0000 | 3.35000 | -2.30000 |
| 1493 | 82.0000 | 8.90000 | -2.30000 |
| 1494 | 81.0000 | 9.90000 | -2.30000 |
| 1495 | 41.0000 | 5.62500 | -8.60000 |
| 1496 | 40.0000 | 6.62500 | -8.60000 |
| 1497 | 1.00000 | 5.62500 | -2.80000 |
| 1498 | 0.000000E+00 | 6.62500 | -2.80000 |
| 1499 | 82.0000 | 5.62500 | -2.80000 |
| 1500 | 81.0000 | 6.62500 | -2.80000 |

TOTAL NUMBER OF NODES = 1500
LARGEST NODE NUMBER = 1500

DATA STORAGE LOCATIONS USED = 10500

G E O M E T R I C P R O P E R T I E S

C1__F1
PROPERTY

BMI21 ELEMENTS
1 1ST NODE AREA =0.1076 IYY =0.9835E-01 IZZ = 0.4254E-02 KT =0.3325E-04 ASZ =0.4460E-01
ASY =0.6300E-01 EZ =1.241 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1076 IYY =0.9835E-01 IZZ = 0.4254E-02 KT =0.3325E-04 ASZ =0.4460E-01
ASY =0.6300E-01 EZ =1.241 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C2__F1
PROPERTY

BMI21 ELEMENTS
2 1ST NODE AREA =0.1120 IYY =0.1047 IZZ = 0.4861E-02 KT =0.4992E-04 ASZ =0.3996E-01
ASY =0.7200E-01 EZ =1.325 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1120 IYY =0.1047 IZZ = 0.4861E-02 KT =0.4992E-04 ASZ =0.3996E-01
ASY =0.7200E-01 EZ =1.325 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C3__F1
PROPERTY

BMI21 ELEMENTS
3 1ST NODE AREA =0.1296 IYY =0.1268 IZZ = 0.6076E-02 KT =0.8828E-04 ASZ =0.3960E-01
ASY =0.9000E-01 EZ =1.300 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1296 IYY =0.1268 IZZ = 0.6076E-02 KT =0.8828E-04 ASZ =0.3960E-01
ASY =0.9000E-01 EZ =1.300 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C4__F1
PROPERTY

BMI21 ELEMENTS
4 1ST NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS
5 1ST NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS
6 1ST NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19
2ND NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS
7 1ST NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS
8 1ST NODE AREA =10.75 IYY =1.579 IZZ = 67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY = 0.0000E+00 IYZ =-0.2305E-11
2ND NODE AREA =10.75 IYY =1.579 IZZ = 67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY = 0.0000E+00 IYZ =-0.2305E-11

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS
9 1ST NODE AREA =78.66 IYY =312.1 IZZ = 851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =78.66 IYY =312.1 IZZ = 851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)
PROPERTY

BMI21 ELEMENTS
10 1ST NODE AREA =1.595 IYY =0.1608 IZZ = 0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.595 IYY =0.1608 IZZ = 0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Offset
PROPERTY

BMI21 ELEMENTS
11 1ST NODE AREA =1.000 IYY =1.000 IZZ = 1.000 KT =1.000 ASZ =1.000

ASY =1.000 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.000 IYY =1.000 IZZ =
1.000 KT =1.000 ASZ =1.000
ASY =1.000 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)
PROPERTY

BMI21 ELEMENTS
12 1ST NODE AREA =0.1628E-01 IYY =0.1869E-03 IZZ =
0.1568E-03 KT =0.1843E-05 ASZ =0.4391E-02
ASY =0.7966E-02 EZ =0.8800E-01 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1628E-01 IYY =0.1869E-03 IZZ =
0.1568E-03 KT =0.1843E-05 ASZ =0.4391E-02
ASY =0.7966E-02 EZ =0.8800E-01 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

S=0.3m
PROPERTY

QTS4 ELEMENTS
14 EZ = -0.1500 T1 = 0.3000 T2 = 0.3000 T3
= 0.3000 T4 = 0.3000

G E O M E T R I C P R O P E R T I E S

Ecc0
PROPERTY

JSH4 ELEMENTS
13 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 678

G E O M E T R I C A S S I G N M E N T S

| FIRST ELEMENT | LAST ELEMENT | DIFF-ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|---|---|---|---|---|
| 1 | 0 | 0 | 13 | 21 |
| 2 | 0 | 0 | 9 | 18 |
| 3 | 5 | 1 | 8 | 17 |
| 6 | 8 | 1 | 11 | 20 |
| 9 | 10 | 1 | 13 | 21 |
| 11 | 13 | 1 | 11 | 20 |

| | | | | |
|---|---|---|---|---|
| 14 | 19 | 1 | 10 | 19 |
| 20 | 25 | 1 | 13 | 21 |
| 26 | 31 | 1 | 6 | 15 |
| 32 | 67 | 1 | 12 | 22 |
| 68 | 73 | 1 | 6 | 15 |
| 74 | 109 | 1 | 12 | 22 |
| 110 | 115 | 1 | 6 | 15 |
| 116 | 151 | 1 | 12 | 22 |
| 152 | 157 | 1 | 6 | 15 |
| 158 | 193 | 1 | 12 | 22 |
| 194 | 0 | 0 | 7 | 16 |
| 195 | 203 | 1 | 5 | 14 |
| 204 | 0 | 0 | 7 | 16 |
| 205 | 213 | 1 | 5 | 14 |
| 214 | 215 | 1 | 7 | 16 |
| 216 | 224 | 1 | 5 | 14 |
| 225 | 0 | 0 | 7 | 16 |
| 226 | 234 | 1 | 5 | 14 |
| 235 | 236 | 1 | 7 | 16 |
| 237 | 245 | 1 | 5 | 14 |
| 246 | 0 | 0 | 7 | 16 |
| 247 | 255 | 1 | 5 | 14 |
| 256 | 257 | 1 | 7 | 16 |
| 258 | 266 | 1 | 5 | 14 |
| 267 | 0 | 0 | 7 | 16 |
| 268 | 276 | 1 | 5 | 14 |
| 277 | 0 | 0 | 7 | 16 |
| 278 | 313 | 1 | 12 | 22 |
| 314 | 319 | 1 | 6 | 15 |
| 320 | 355 | 1 | 12 | 22 |
| 356 | 361 | 1 | 6 | 15 |
| 362 | 397 | 1 | 12 | 22 |
| 398 | 403 | 1 | 6 | 15 |
| 404 | 439 | 1 | 12 | 22 |
| 440 | 445 | 1 | 6 | 15 |
| 446 | 557 | 1 | 14 | 13 |
| 558 | 564 | 1 | 1 | 9 |
| 565 | 572 | 1 | 2 | 10 |
| 573 | 580 | 1 | 3 | 11 |
| 581 | 588 | 1 | 4 | 12 |
| 589 | 596 | 1 | 3 | 11 |
| 597 | 605 | 1 | 2 | 10 |
| 606 | 613 | 1 | 1 | 9 |
| 614 | 837 | 1 | 14 | 13 |
| 838 | 844 | 1 | 1 | 9 |
| 845 | 852 | 1 | 2 | 10 |
| 853 | 860 | 1 | 3 | 11 |
| 861 | 868 | 1 | 4 | 12 |
| 869 | 876 | 1 | 3 | 11 |
| 877 | 885 | 1 | 2 | 10 |
| 886 | 893 | 1 | 1 | 9 |
| 894 | 1005 | 1 | 14 | 13 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 58
TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 14

DATA STORAGE LOCATIONS USED = 3015

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_spalle
8 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1260E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

Incastro
9 KX = 0.3000E+10 KY = 0.3000E+10 KZ = 0.3000E+10 KTX
= 0.3000E+10 KTY = 0.3000E+10 KTZ = 0.3000E+10

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_pila
10 KX = 0.2990E+07 KY = 0.2990E+07 KZ = 0.1871E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel (elastic)
1 E = 0.2100E+12 NU = 0.3000 RHO = 7850. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_long_term_Phase2b (elastic)
14 E = 0.1287E+11 NU = 0.2000 RHO = 2500. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)
2 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
3 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
4 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_long_term_Phase2b_Trans_Neg (elastic)
15 E = 0.9603E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_long_term_Phase2b_Trans_Pos (elastic)
16 E = 0.9603E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
5 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
7 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 546

M A T E R I A L A S S I G N M E N T S

| FIRST ELEMENT SET | LAST ELEMENT SET | DIFFERENCE ID NO. | MATERIAL SET | NSET SET | STRESS POTENTIAL/ CREEP SET | DAMAGE SET | LusasM PLASTIC DATA SET | VISCOELASTIC MATERIAL SET | TWO PHASE SET | SHRINKAGE SET | KO SMEARED_REINFORCEMENT SET |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 5 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 8 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 10 | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 13 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 19 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 23 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 109 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 110 | 193 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

```
0       0       15          0          0              0       0
0
194       277          1          1       0              0
0       0        1          0          0              0       0
0
278       361          1          4       0              0
0       0       15          0          0              0       0
0
362       445          1          3       0              0
0       0       14          0          0              0       0
0
446       467          1         14       0              0
0       0        3          0          0              0       0
0
468         0          0         15       0              0
0       0       18          0          0              0       0
0
469       476          1          7       0              0
0       0       22          0          0              0       0
0
477         0          0         16       0              0
0       0       19          0          0              0       0
0
478       523          1         14       0              0
0       0        3          0          0              0       0
0
524         0          0         15       0              0
0       0       18          0          0              0       0
0
525       532          1          7       0              0
0       0       22          0          0              0       0
0
533         0          0         16       0              0
0       0       19          0          0              0       0
0
534       557          1         14       0              0
0       0        3          0          0              0       0
0
558       613          1          1       0              0
0       0        1          0          0              0       0
0
614       635          1         14       0              0
0       0        3          0          0              0       0
0
636         0          0         15       0              0
0       0       18          0          0              0       0
0
637       644          1          7       0              0
0       0       22          0          0              0       0
0
645         0          0         16       0              0
0       0       19          0          0              0       0
0
646       691          1         14       0              0
0       0        3          0          0              0       0
0
692         0          0         15       0              0
0       0       18          0          0              0       0
0
693       700          1          7       0              0
0       0       22          0          0              0       0
0
701         0          0         16       0              0
0       0       19          0          0              0       0
0
702       747          1         14       0              0
0       0        3          0          0              0       0
0
748         0          0         15       0              0
0       0       18          0          0              0       0
0
749       756          1          7       0              0
0       0       22          0          0              0       0
```

```
            0
            757         0         0        16         0         0
            0         0        19         0         0         0         0
            0
            758       803         1        14         0         0
            0         0         3         0         0         0         0
            0
            804         0         0        15         0         0
            0         0        18         0         0         0         0
            0
            805       812         1         7         0         0
            0         0        22         0         0         0         0
            0
            813         0         0        16         0         0
            0         0        19         0         0         0         0
            0
            814       837         1        14         0         0
            0         0         3         0         0         0         0
            0
            838       893         1         1         0         0
            0         0         1         0         0         0         0
            0
            894       915         1        14         0         0
            0         0         3         0         0         0         0
            0
            916         0         0        15         0         0
            0         0        18         0         0         0         0
            0
            917       924         1         7         0         0
            0         0        22         0         0         0         0
            0
            925         0         0        16         0         0
            0         0        19         0         0         0         0
            0
            926       971         1        14         0         0
            0         0         3         0         0         0         0
            0
            972         0         0        15         0         0
            0         0        18         0         0         0         0
            0
            973       980         1         7         0         0
            0         0        22         0         0         0         0
            0
            981         0         0        16         0         0
            0         0        19         0         0         0         0
            0
            982      1005         1        14         0         0
            0         0         3         0         0         0         0
            0

      TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS =        53


      F R E E D O M   T E M P L A T E

 COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM.
 COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM.
     1     2     3     4     5     6     7     8     9    10    11
    12    13    14    15    16    17    18    19    20    21
  U     V     W     THX   THY   THZ


      S U P P O R T   N O D E S


      F = FREE
      R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
      S = SPRING

 FIRST    LAST    DIFF       SUPPORT SPRING SUPPORT SPRING SUPPORT
```

| NODE | SPRING SUPPORT NODE CONSTANT | SPRING SUPPORT RNCE CONSTANT | SPRING SUPPORT CONDITION CONSTANT | SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE FREEDOM U | SPRING SUPPORT CONSTANT OR PRESCRIBED VALUE FREEDOM V |
|---|---|---|---|---|---|
| | | | | OR PRESCRIBED VALUE FREEDOM W | OR PRESCRIBED VALUE FREEDOM THX |
| | | | | OR PRESCRIBED VALUE FREEDOM THY | OR PRESCRIBED VALUE FREEDOM THZ |
| 1 | 0 | 0 | R R R R R R | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | | 0.000000E+00 | | 0.000000E+00 | 0.000000E+00 |
| 2 | 0 | 0 | F F F F F F | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | | 0.000000E+00 | | 0.000000E+00 | 0.000000E+00 |
| 9 | 0 | 0 | R R R R R R | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | | 0.000000E+00 | | 0.000000E+00 | 0.000000E+00 |
| 10 | 12 | 2 | F F F F F F | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | | 0.000000E+00 | | 0.000000E+00 | 0.000000E+00 |
| 13 | 0 | 0 | R R R R R R | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | | 0.000000E+00 | | 0.000000E+00 | 0.000000E+00 |

TOTAL NUMBER OF SUPPORT NODES = 3
LARGEST NODE NUMBER = 13

DATA STORAGE LOCATIONS USED = 166

L O A D C A S E 8

Ritiro

TMPE LOAD INPUT

NUMBER OF VALUES = 8 START LOCATION = 1

| ELEMENT | NODE | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 | VALUE 7 |
|---|---|---|---|---|---|---|---|---|
| 446 | 422 | -27.1700 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 446 | 423 | -27.1700 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 446 | 479 | -27.1700 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 446 | 480 | -27.1700 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 447 | 423 | -27.1700 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 447 | 424 | -27.1700 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 447 | 480 | -27.1700 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 447 | 481 | -27.1700 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 448 | 424 | -27.1700 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

```
                  0.000000E+00
448       425   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
448       481   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
448       482   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
449       425   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
449       426   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
449       482   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
449       483   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
450       426   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
450       427   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
450       483   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
450       484   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
451       427   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
451       428   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
451       484   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
451       485   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
452       428   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
452       429   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
452       485   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
452       486   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
453       429   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
453       430   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
453       486   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
453       487   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
454       430   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
454       431   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       487   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       488   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       431   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       432   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       488   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       489   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       432   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       433   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       489   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       490   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       433   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       434   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       490   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       491   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       434   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       435   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       491   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       492   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       435   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       436   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       492   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       493   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       436   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       437   -27.1700       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       493   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       494   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       437   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       438   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       494   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       495   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       438   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       439   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       495   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       496   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       439   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       440   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       496   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       497   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       440   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       441   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       497   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       498   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
465       441   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
465       442   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
465       498   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
465       499   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
466       442   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
466       443   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                    0.000000E+00
466       499   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
466       500   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
467       443   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
467       444   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
467       500   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
467       501   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
468       444   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
468       445   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
468       501   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
468       502   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
477       453   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
477       454   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
477       510   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
477       511   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
478       454   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
478       455   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
478       511   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
478       512   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
479       455   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
479       456   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
479       512   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
479       513   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
480       456   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
480       457   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
```

```
480       513   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
480       514   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
481       457   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
481       458   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
481       514   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
481       515   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
482       458   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
482       459   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
482       515   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
482       516   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
483       459   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
483       460   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
483       516   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
483       517   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
484       460   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
484       461   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
484       517   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
484       518   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
485       461   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
485       462   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
485       518   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
485       519   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
486       462   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
486       463   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
486       519   -27.1700       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
486       520   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
487       463   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
487       464   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
487       520   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
487       521   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
488       464   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
488       465   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
488       521   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
488       522   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
489       465   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
489       466   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
489       522   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
489       523   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
490       466   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
490       467   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
490       523   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
490       524   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       467   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       468   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       524   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       525   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
492       468   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
492       469   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
492       525   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
492       526   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
493       469   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
493       470   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
493       526   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
493       527   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
494       470   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
494       471   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
494       527   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
494       528   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
495       471   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
495       472   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
495       528   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
495       529   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
496       472   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
496       473   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
496       529   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
496       530   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
497       473   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
497       474   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
497       530   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
497       531   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
498       474   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
498       475   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
498       531   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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498       532   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
499       475   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
499       476   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
499       532   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
499       533   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
500       476   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
500       477   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
500       533   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
500       534   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
501       477   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
501       478   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
501       534   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
501       535   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
502       479   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
502       480   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
502       536   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
502       537   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
503       480   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
503       481   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
503       537   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
503       538   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       481   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       482   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       538   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       539   -27.1700       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       482   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       483   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       539   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       540   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
506       483   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
506       484   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
506       540   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
506       541   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
507       484   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
507       485   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
507       541   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
507       542   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       485   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       486   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       542   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       543   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       486   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       487   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       543   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       544   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       487   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       488   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       544   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       545   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
511       488   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
511       489   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
511       545   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
511       546   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
512       489   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
512       490   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
512       546   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
512       547   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
513       490   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
513       491   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
513       547   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
513       548   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
514       491   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
514       492   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
514       548   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
514       549   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
515       492   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
515       493   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
515       549   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
515       550   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
516       493   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
516       494   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
516       550   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
516       551   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
517       494   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
517       495   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
517       551   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
517       552   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
518       495   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
518       496   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
518       552   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
518       553   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
519       496   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
519       497   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
519       553   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
519       554   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
520       497   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
520       498   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
520       554   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
520       555   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
521       498   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
521       499   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
521       555   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
521       556   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
522       499   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
522       500   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
522       556   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
522       557   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
523       500   -27.1700       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
523       501   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
523       557   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
523       558   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
524       501   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
524       502   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
524       558   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
524       559   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       510   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       511   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       567   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       568   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       511   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       512   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       568   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       569   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       512   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       513   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       569   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       570   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       513   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       514   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       570   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       571   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
537       514   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
537       515   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
537       571   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
537       572   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
538       515   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
538       516   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
538       572   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
538       573   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
539       516   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
539       517   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
539       573   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
539       574   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
540       517   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
540       518   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
540       574   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
540       575   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
541       518   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
541       519   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
541       575   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
541       576   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
542       519   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
542       520   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
542       576   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
542       577   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
543       520   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
543       521   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
543       577   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
543       578   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
544       521   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
544       522   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
544       578   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
544       579   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
545       522   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
545       523   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
545       579   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
545       580   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
546       523   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
546       524   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
546       580   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
546       581   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
547       524   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
547       525   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
547       581   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
547       582   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       525   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       526   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       582   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       583   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       526   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       527   -27.1700       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       583   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       584   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
550       527   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
550       528   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
550       584   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
550       585   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
551       528   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
551       529   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
551       585   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
551       586   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
552       529   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
552       530   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
552       586   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
552       587   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
553       530   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
553       531   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
553       587   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
553       588   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
554       531   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
554       532   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
554       588   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
554       589   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
555       532   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
555       533   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
555       589   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
555       590   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
556       533   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
556       534   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
556       590   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
556       591   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
557       534   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
557       535   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
557       591   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
557       592   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
614       536   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
614       537   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
614       593   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
614       594   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
615       537   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
615       538   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
615       594   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
615       595   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
616       538   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
616       539   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
616       595   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
616       596   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
617       539   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
617       540   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
617       596   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
617       597   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
618       540   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
618       541   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
618       597   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
618       598   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
619       541   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
619       542   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
619       598   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
619       599   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
620       542   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
620       543   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
620       599   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
620       600   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
621       543   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
621       544   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
621       600   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
621       601   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
622       544   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
622       545   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
622       601   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
622       602   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
623       545   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
623       546   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
623       602   -27.1700       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
623       603   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
624       546   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
624       547   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
624       603   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
624       604   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
625       547   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
625       548   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
625       604   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
625       605   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
626       548   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
626       549   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
626       605   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
626       606   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
627       549   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
627       550   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
627       606   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
627       607   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
628       550   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
628       551   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
628       607   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
628       608   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
629       551   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
629       552   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
629       608   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
 629       609   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 630       552   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 630       553   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 630       609   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 630       610   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 631       553   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 631       554   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 631       610   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 631       611   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 632       554   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 632       555   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 632       611   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 632       612   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 633       555   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 633       556   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 633       612   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 633       613   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 634       556   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 634       557   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 634       613   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 634       614   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 635       557   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 635       558   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 635       614   -27.1700        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
635       615   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
636       558   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
636       559   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
636       615   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
636       616   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       567   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       568   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       624   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       625   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       568   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       569   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       625   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       626   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       569   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       570   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       626   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       627   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       570   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       571   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       627   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       628   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       571   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       572   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       628   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       629   -27.1700       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       572   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       573   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       629   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       630   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       573   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       574   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       630   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       631   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       574   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       575   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       631   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       632   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       575   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       576   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       632   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       633   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       576   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       577   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       633   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       634   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       577   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       578   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       634   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       635   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
656       578   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
656       579   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
656       635   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
656       636   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
657       579   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
657       580   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
657       636   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
657       637   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
658       580   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
658       581   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
658       637   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
658       638   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
659       581   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
659       582   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
659       638   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
659       639   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
660       582   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
660       583   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
660       639   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
660       640   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
661       583   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
661       584   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
661       640   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
661       641   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
662       584   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
662       585   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
662       641   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
662       642   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
663       585   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
663       586   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
663       642   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
663       643   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       586   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       587   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       643   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       644   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       587   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       588   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       644   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       645   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       588   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       589   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       645   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       646   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       589   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       590   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       646   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       647   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       590   -27.1700       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       591   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       647   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       648   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       591   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       592   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       648   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       649   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       593   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       594   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       650   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       651   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       594   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       595   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       651   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       652   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       595   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       596   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       652   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       653   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
673       596   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
673       597   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
673       653   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
673       654   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
674       597   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
674       598   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
674       654   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
674       655   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
675       598   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
675       599   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
675       655   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
675       656   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
676       599   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
676       600   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
676       656   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
676       657   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
677       600   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
677       601   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
677       657   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
677       658   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
678       601   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
678       602   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
678       658   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
678       659   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
679       602   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
679       603   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
679       659   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
679       660   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
680       603   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
680       604   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
680       660   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
680       661   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
681       604   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
681       605   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
681       661   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
681       662   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
682       605   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
682       606   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
682       662   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
682       663   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
683       606   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
683       607   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
683       663   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
683       664   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
684       607   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
684       608   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
684       664   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
684       665   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
685       608   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
685       609   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
685       665   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
685       666   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
686       609   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
686       610   -27.1700       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
686       666   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
686       667   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
687       610   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
687       611   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
687       667   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
687       668   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
688       611   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
688       612   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
688       668   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
688       669   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
689       612   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
689       613   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
689       669   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
689       670   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
690       613   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
690       614   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
690       670   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
690       671   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
691       614   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
691       615   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
691       671   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
691       672   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
692       615   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
692       616   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
692       672   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
692       673   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
701       624   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
701       625   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
701       681   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
701       682   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
702       625   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
702       626   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
702       682   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
702       683   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
703       626   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
703       627   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
703       683   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
703       684   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
704       627   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
704       628   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
704       684   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
704       685   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
705       628   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
705       629   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
705       685   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
705       686   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
706       629   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
706       630   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

706 686 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
706 687 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
707 630 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
707 631 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
707 687 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
707 688 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
708 631 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
708 632 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
708 688 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
708 689 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
709 632 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
709 633 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
709 689 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
709 690 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
710 633 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
710 634 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
710 690 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
710 691 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
711 634 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
711 635 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
711 691 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
711 692 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
712 635 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
712 636 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
712 692 -27.1700 0.000000E+00 0.000000E+00

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
712       693   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
713       636   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
713       637   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
713       693   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
713       694   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
714       637   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
714       638   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
714       694   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
714       695   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
715       638   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
715       639   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
715       695   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
715       696   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
716       639   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
716       640   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
716       696   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
716       697   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
717       640   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
717       641   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
717       697   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
717       698   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
718       641   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
718       642   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
718       698   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
718       699   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
719       642   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
719       643   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
719       699   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
719       700   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
720       643   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
720       644   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
720       700   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
720       701   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
721       644   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
721       645   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
721       701   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
721       702   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
722       645   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
722       646   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
722       702   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
722       703   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
723       646   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
723       647   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
723       703   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
723       704   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
724       647   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
724       648   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
724       704   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
724       705   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       648   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       649   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       705   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       706   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       650   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       651   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       707   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       708   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       651   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       652   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       708   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       709   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       652   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       653   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       709   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       710   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
729       653   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
729       654   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
729       710   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
729       711   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
730       654   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
730       655   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
730       711   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
730       712   -27.1700       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
731       655   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
731       656   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
731       712   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
731       713   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
732       656   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
732       657   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
732       713   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
732       714   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
733       657   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
733       658   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
733       714   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
733       715   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
734       658   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
734       659   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
734       715   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
734       716   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
735       659   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
735       660   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
735       716   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
735       717   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
736       660   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
736       661   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
736       717   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
736       718   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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```
                  0.000000E+00
737       661   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
737       662   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
737       718   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
737       719   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
738       662   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
738       663   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
738       719   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
738       720   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
739       663   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
739       664   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
739       720   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
739       721   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
740       664   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
740       665   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
740       721   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
740       722   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
741       665   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
741       666   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
741       722   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
741       723   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
742       666   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
742       667   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
742       723   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
742       724   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       743       667   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       743       668   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       743       724   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       743       725   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       744       668   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       744       669   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       744       725   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       744       726   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       745       669   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       745       670   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       745       726   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       745       727   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       746       670   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       746       671   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       746       727   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       746       728   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       747       671   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       747       672   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       747       728   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       747       729   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       748       672   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       748       673   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       748       729   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       748       730   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       757       681   -27.1700        0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
757       682   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
757       738   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
757       739   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
758       682   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
758       683   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
758       739   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
758       740   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
759       683   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
759       684   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
759       740   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
759       741   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
760       684   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
760       685   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
760       741   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
760       742   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       685   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       686   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       742   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       743   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       686   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       687   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       743   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       744   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
763       687   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
763       688   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
763       744   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
763       745   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
764       688   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
764       689   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
764       745   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
764       746   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
765       689   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
765       690   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
765       746   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
765       747   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
766       690   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
766       691   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
766       747   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
766       748   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
767       691   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
767       692   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
767       748   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
767       749   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
768       692   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
768       693   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
768       749   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
768       750   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
769       693   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
769       694   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       750   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       751   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
770       694   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
770       695   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
770       751   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
770       752   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
771       695   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
771       696   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
771       752   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
771       753   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
772       696   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
772       697   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
772       753   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
772       754   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       697   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       698   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       754   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       755   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
774       698   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
774       699   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
774       755   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
774       756   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       699   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       700   -27.1700       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       756   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       757   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       700   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       701   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       757   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       758   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       701   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       702   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       758   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       759   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       702   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       703   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       759   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       760   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       703   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       704   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       760   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       761   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       704   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       705   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       761   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       762   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       705   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       706   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
781       762   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
781       763   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
782       707   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
782       708   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
782       764   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
782       765   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
783       708   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
783       709   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
783       765   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
783       766   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
784       709   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
784       710   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
784       766   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
784       767   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
785       710   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
785       711   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
785       767   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
785       768   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
786       711   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
786       712   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
786       768   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
786       769   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
787       712   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
787       713   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
787       769   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
787       770   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
788       713   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
788       714   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
788       770   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
788       771   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
789       714   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
789       715   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
789       771   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
789       772   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
790       715   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
790       716   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
790       772   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
790       773   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
791       716   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
791       717   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
791       773   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
791       774   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
792       717   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
792       718   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
792       774   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
792       775   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
793       718   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
793       719   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
793       775   -27.1700       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
793       776   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
794       719   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
794       720   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
794       776   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
794       777   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
795       720   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
795       721   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
795       777   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
795       778   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
796       721   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
796       722   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
796       778   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
796       779   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
797       722   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
797       723   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
797       779   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
797       780   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       723   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       724   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       780   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       781   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
799       724   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
799       725   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
799       781   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
799       782   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
800       725   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
800       726   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
800       782   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
800       783   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
801       726   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
801       727   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
801       783   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
801       784   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
802       727   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
802       728   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
802       784   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
802       785   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
803       728   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
803       729   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
803       785   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
803       786   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
804       729   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
804       730   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
804       786   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
804       787   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
813       738   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
813       739   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
813       795   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
 813       796   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 814       739   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 814       740   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 814       796   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 814       797   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 815       740   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 815       741   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 815       797   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 815       798   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 816       741   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 816       742   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 816       798   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 816       799   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 817       742   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 817       743   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 817       799   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 817       800   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 818       743   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 818       744   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 818       800   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 818       801   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 819       744   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 819       745   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 819       801   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 819       802   -27.1700       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
820       745   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
820       746   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
820       802   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
820       803   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
821       746   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
821       747   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
821       803   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
821       804   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
822       747   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
822       748   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
822       804   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
822       805   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
823       748   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
823       749   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
823       805   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
823       806   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
824       749   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
824       750   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
824       806   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
824       807   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
825       750   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
825       751   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
825       807   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
825       808   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
826       751   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
826       752   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
826       808   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
826       809   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
827       752   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
827       753   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
827       809   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
827       810   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
828       753   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
828       754   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
828       810   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
828       811   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
829       754   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
829       755   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
829       811   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
829       812   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
830       755   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
830       756   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
830       812   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
830       813   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
831       756   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
831       757   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
831       813   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
831       814   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       832       757   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       832       758   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       832       814   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       832       815   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       833       758   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       833       759   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       833       815   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       833       816   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       834       759   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       834       760   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       834       816   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       834       817   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       835       760   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       835       761   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       835       817   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       835       818   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       836       761   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       836       762   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       836       818   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       836       819   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       837       762   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       837       763   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       837       819   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       837       820   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       894       764   -27.1700        0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
894       765   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
894       821   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
894       822   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
895       765   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
895       766   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
895       822   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
895       823   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       766   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       767   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       823   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       824   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       767   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       768   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       824   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       825   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       768   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       769   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       825   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       826   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       769   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       770   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       826   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       827   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
900       770   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
900       771   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
900       827   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
900       828   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
901       771   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
901       772   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
901       828   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
901       829   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
902       772   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
902       773   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
902       829   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
902       830   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
903       773   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
903       774   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
903       830   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
903       831   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
904       774   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
904       775   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
904       831   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
904       832   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
905       775   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
905       776   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
905       832   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
905       833   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
906       776   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

906 777 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
906 833 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
906 834 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
907 777 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
907 778 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
907 834 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
907 835 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
908 778 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
908 779 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
908 835 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
908 836 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
909 779 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
909 780 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
909 836 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
909 837 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
910 780 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
910 781 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
910 837 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
910 838 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
911 781 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
911 782 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
911 838 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
911 839 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
912 782 -27.1700 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
912 783 -27.1700 0.000000E+00 0.000000E+00

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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912       839   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
912       840   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
913       783   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
913       784   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
913       840   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
913       841   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
914       784   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
914       785   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
914       841   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
914       842   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
915       785   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
915       786   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
915       842   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
915       843   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
916       786   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
916       787   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
916       843   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
916       844   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
925       795   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
925       796   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
925       852   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
925       853   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
926       796   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
926       797   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                    0.000000E+00
926       853   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
926       854   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
927       797   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
927       798   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
927       854   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
927       855   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
928       798   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
928       799   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
928       855   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
928       856   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
929       799   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
929       800   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
929       856   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
929       857   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
930       800   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
930       801   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
930       857   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
930       858   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
931       801   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
931       802   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
931       858   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
931       859   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
932       802   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
932       803   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
```

```
       932       859   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       932       860   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       933       803   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       933       804   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       933       860   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       933       861   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       934       804   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       934       805   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       934       861   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       934       862   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       935       805   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       935       806   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       935       862   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       935       863   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       936       806   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       936       807   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       936       863   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       936       864   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       937       807   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       937       808   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       937       864   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       937       865   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       938       808   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       938       809   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       938       865   -27.1700        0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
938       866   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
939       809   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
939       810   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
939       866   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
939       867   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
940       810   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
940       811   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
940       867   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
940       868   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
941       811   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
941       812   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
941       868   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
941       869   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
942       812   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
942       813   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
942       869   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
942       870   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
943       813   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
943       814   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
943       870   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
943       871   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
944       814   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
944       815   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
944       871   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
944       872   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
945       815   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
945       816   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
945       872   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
945       873   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
946       816   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
946       817   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
946       873   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
946       874   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
947       817   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
947       818   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
947       874   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
947       875   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
948       818   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
948       819   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
948       875   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
948       876   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
949       819   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
949       820   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
949       876   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
949       877   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
950       821   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
950       822   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
950       878   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       950       879   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       951       822   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       951       823   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       951       879   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       951       880   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       952       823   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       952       824   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       952       880   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       952       881   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       953       824   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       953       825   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       953       881   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       953       882   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       954       825   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       954       826   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       954       882   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       954       883   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       955       826   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       955       827   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       955       883   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       955       884   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       956       827   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       956       828   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       956       884   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       956       885   -27.1700        0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
957       828   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
957       829   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
957       885   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
957       886   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
958       829   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
958       830   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
958       886   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
958       887   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
959       830   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
959       831   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
959       887   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
959       888   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
960       831   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
960       832   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
960       888   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
960       889   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
961       832   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
961       833   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
961       889   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
961       890   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
962       833   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
962       834   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
962       890   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
962       891   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
963       834   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
963       835   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
963       891   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
963       892   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
964       835   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
964       836   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
964       892   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
964       893   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
965       836   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
965       837   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
965       893   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
965       894   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
966       837   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
966       838   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
966       894   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
966       895   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
967       838   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
967       839   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
967       895   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
967       896   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
968       839   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
968       840   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
968       896   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
968       897   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       969       840   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       969       841   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       969       897   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       969       898   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       970       841   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       970       842   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       970       898   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       970       899   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       971       842   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       971       843   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       971       899   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       971       900   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       972       843   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       972       844   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       972       900   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       972       901   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       981       852   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       981       853   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       981       909   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       981       910   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       982       853   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       982       854   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       982       910   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       982       911   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       983       854   -27.1700        0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
983       855   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
983       911   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
983       912   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
984       855   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
984       856   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
984       912   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
984       913   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
985       856   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
985       857   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
985       913   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
985       914   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
986       857   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
986       858   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
986       914   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
986       915   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
987       858   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
987       859   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
987       915   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
987       916   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
988       859   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
988       860   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
988       916   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
988       917   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
989       860   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                    0.000000E+00
989       861   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
989       917   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
989       918   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
990       861   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
990       862   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
990       918   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
990       919   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
991       862   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
991       863   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
991       919   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
991       920   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
992       863   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
992       864   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
992       920   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
992       921   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
993       864   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
993       865   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
993       921   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
993       922   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
994       865   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
994       866   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
994       922   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
994       923   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
995       866   -27.1700        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
```

```
 995       867   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 995       923   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 995       924   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 996       867   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 996       868   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 996       924   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 996       925   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 997       868   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 997       869   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 997       925   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 997       926   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 998       869   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 998       870   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 998       926   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 998       927   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 999       870   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 999       871   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 999       927   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 999       928   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
1000       871   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
1000       872   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
1000       928   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
1000       929   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
1001       872   -27.1700       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
1001       873   -27.1700       0.000000E+00   0.000000E+00
```

```
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1001       929   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1001       930   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1002       873   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1002       874   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1002       930   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1002       931   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1003       874   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1003       875   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1003       931   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1003       932   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1004       875   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1004       876   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1004       932   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1004       933   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1005       876   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1005       877   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1005       933   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 1005       934   -27.1700       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00

     NUMBER OF LOADED NODES OR ELEMENTS          =          1536
     LARGEST NODE OR ELEMENT NUMBER              =          1005



     L O A D   C A S E        9
```

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|---|---|---|---|---|---|---|---|---|
| 9 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | -0.800000E-02 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 1
LARGEST NODE OR ELEMENT NUMBER = 9

L O A D C A S E 10

Cedim_P1

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | -0.810000E-02 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 1
LARGEST NODE OR ELEMENT NUMBER = 1

L O A D C A S E 11

Cedim_SpB

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|---|---|---|---|---|---|---|---|---|
| 13 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | -0.820000E-02 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 1
LARGEST NODE OR ELEMENT NUMBER = 13

DATA STORAGE LOCATIONS USED = 18479

E L E M E N T O U T P U T

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

| FIRST ELT OUTPUT | LAST ELT GROUP | DIFF HISTORY RNCE CONTROL | OUTPUT PLOT FILE CONTROL | AVERAGED NODAL VALUES GROUP |
|---|---|---|---|---|
| 1 | 1005 | 1 | 0 | 0 |
| 0 | 0 | 0 | | |

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1005
LARGEST ELEMENT NUMBER INPUT = 1005
LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFF RNCE | OUTPUT CONTROL | HISTORY CONTROL |
|---|---|---|---|---|
| 1 | 1500 | 1 | 0 | 0 |

TOTAL NUMBER OF NODE OUTPUT SETS = 1
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 1500
LARGEST NODE OUTPUT CONTROL NUMBER = 0
LARGEST NODE HISTORY CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 0

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS = 1005
TOTAL NUMBER OF CONSTRAINTS = 0
TOTAL NUMBER OF NODES = 1500
TOTAL NUMBER OF SUPPORT NODES = 3
TOTAL NUMBER OF LOADING CASES = 4

LOCATIONS USED DURING DATA PROCESSING = 78696523
LOCATIONS AVAILABLE = 98304000

TIME USED TO PROCESS INPUT DATA = 1.1390 SEC.

TIME AT CENTRAL PROCESSOR = 9:56:44 ON 16/04/21 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1901
INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 448

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTYP PROCESSOR)

E S T I M A T E O F M O D E L G E O M E T R I C P R O P E R T I E S A N D L O A D I N G

| MATERIAL SET | LENGTH M | AREA sq M | VOLUME cu M | MASS KG | ELEMENT CENTRE OF GRAVITY X-COORD | Y-COORD M | Z-COORD M |
|---|---|---|---|---|---|---|---|
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2 | 8.80000 | 0.000000E+00 | 189.358 | 473395. | 40.0084 | 5.62500 | -6.91155 |
| 4 | 55.8900 | 0.000000E+00 | 20.7025 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 3 | 60.3600 | 0.000000E+00 | 1.33843 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 299.550 | 0.000000E+00 | 24.8142 | 194791. | 40.4098 | 5.62500 | -0.205657 |
| 14 | 0.000000E+00 | 731.250 | 219.375 | 548437. | 40.6231 | 5.62500 | -0.534147E-16 |
| 15 | 0.000000E+00 | 22.5000 | 6.75000 | 16875.0 | 33.0000 | 5.62500 | 0.000000E+00 |
| 7 | 0.000000E+00 | 135.000 | 40.5000 | 101250. | 40.0000 | 5.62500 | 0.000000E+00 |
| 16 | 0.000000E+00 | 22.5000 | 6.75000 | 16875.0 | 47.0000 | 5.62500 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 424.600 | 911.250 | 509.588 | 0.135162E+07 | 40.3148 | 5.62500 | -2.45035 |

| MATERIAL SET | Ixx KG M **2 | Iyy KG M **2 | Izz KG M **2 | Ixy KG M **2 | Iyz KG M **2 | Ixz KG M **2 |
|---|---|---|---|---|---|---|
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2 | 0.391100E+08 | 0.794838E+09 | 0.785942E+09 | -0.106536E+09 | 0.184044E+08 | 0.130886E+09 |
| 4 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 0.805250E+07 | 0.420141E+09 | 0.428105E+09 | -0.442770E+08 | 225338. | 0.161495E+07 |

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    14       0.233533E+08    0.127599E+10    0.129935E+10   -0.125321E+09
    0.816470E-10    0.830270E-09
    15        718564.        0.183938E+08    0.191123E+08   -0.313242E+07
    0.000000E+00    0.000000E+00
     7       0.431138E+07    0.163257E+09    0.167569E+09   -0.227813E+08
     0.000000E+00    0.000000E+00
    16        718564.        0.372937E+08    0.380123E+08   -0.446133E+07
    0.000000E+00    0.000000E+00
TOTALS FOR
STRUCTURE    0.762644E+08    0.270992E+10    0.273809E+10   -0.306509E+09
0.186298E+08    0.132501E+09


MATERIAL      ------------ MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH
ORIGINS AT CENTROIDS ---------
  SET             Ixx             Iyy             Izz             Ixy
  Iyz             Ixz
             KG  M   **2     KG  M   **2     KG  M   **2     KG  M   **2
             KG  M   **2     KG  M   **2

     9       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     2       0.151764E+07    0.144723E+08    0.132113E+08   -0.149012E-07
     0.745058E-08    -17391.7
     4       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     8       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
    10       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
    0.000000E+00    0.000000E+00
     3       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     1       0.188095E+07    0.102048E+09    0.103858E+09   -0.149012E-07
     0.232831E-09    -3870.89
    14       0.600042E+07    0.370941E+09    0.376942E+09    0.000000E+00
    -0.831353E-10   -0.359768E-09
    15        184628.         16875.0         201503.       -0.465661E-09
    0.000000E+00    0.000000E+00
     7       0.110777E+07    0.125750E+07    0.236527E+07    0.149012E-07
     0.000000E+00    0.000000E+00
    16        184628.         16875.0         201503.        0.000000E+00
    0.000000E+00    0.000000E+00
TOTALS FOR
STRUCTURE    0.253827E+08    0.505025E+09    0.498544E+09    0.000000E+00
0.372529E-08   -0.101998E+07


MATERIAL      ------------ PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL
AXES ------------------------------------
  SET             I               I               I
                   11              22              33
                  PRINCIPAL DIRECTIONS
             KG  M   **2     KG  M   **2     KG  M   **2

     9       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     2       0.144723E+08    0.132113E+08    0.151762E+07(-0.00, 1.00,
     0.00)(-0.00,-0.00, 1.00)( 1.00, 0.00, 0.00)
     4       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     8       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
    10       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
    0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     3       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     1       0.103858E+09    0.102048E+09    0.188095E+07(-0.00, 0.00,
     1.00)( 0.00, 1.00, 0.00)( 1.00, 0.00, 0.00)
    14       0.376942E+09    0.370941E+09    0.600042E+07(-0.00, 0.00,
    1.00)( 0.00, 1.00, 0.00)( 1.00, 0.00, 0.00)
    15        201503.         184628.         16875.0    ( 0.00, 0.00,
    1.00)( 1.00,-0.00, 0.00)( 0.00, 1.00, 0.00)
     7       0.236527E+07    0.125750E+07    0.110777E+07( 0.00, 0.00,
```

```
     1.00)( 0.00, 1.00, 0.00)( 1.00,-0.00, 0.00)
    16        201503.         184628.         16875.0    ( 0.00, 0.00,
    1.00)( 1.00, 0.00, 0.00)( 0.00, 1.00, 0.00)
 TOTALS FOR
 STRUCTURE    0.505025E+09    0.498547E+09    0.253805E+08( 0.00, 1.00,
 0.00)(-0.00, 0.00, 1.00)( 1.00, 0.00, 0.00)


 FORCE        ------------------- RESULTANT APPLIED LOAD AT ORIGIN IN
 GLOBAL DIRECTIONS ------------------
 OUTPUT GROUP      Fx              Fy              Fz              Mx
 My             Mz
                   N               N               N             N   .M
                   N   .M          N   .M

 LOAD CASE           8
 TOTALS FOR
 STRUCTURE   -0.931323E-09   -0.150176E-07    0.109571E-22    0.116415E-09
 0.582077E-10   -0.104308E-05

 LOAD CASE           9
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
 0.000000E+00    0.000000E+00

 LOAD CASE          10
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
 0.000000E+00    0.000000E+00

 LOAD CASE          11
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
 0.000000E+00    0.000000E+00


          AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS
          AND BEAMS) =   1.388
          AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY)
          =  0.2540


          TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY          = 0.17000E-01 SEC.
          TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX  =     102279


          LOCATIONS USED DURING PRE-SOLUTION PROCESS  =        444465
          LOCATIONS AVAILABLE                         =      98304000

          TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM  =          5604
          TOTAL NO. OF ACTIVE DEGREES OF FREEDOM      =          5604
          TOTAL NO. OF EQUATIONS                      =          5604
          TOTAL NO. OF ACTIVE NODES                   =           934

          NUMBER OF ELEMENT GROUPS                    =            33
          MAXIMUM NUMBER OF ELEMENTS IN A GROUP       =            32

          MAXIMUM SIZE OF ELEMENT DATA RECORDS        =         52649
          MAXIMUM SIZE OF ELEMENT RESULT RECORDS      =         61219
          MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS    =             0
          MAXIMUM SIZE OF ELEMENT SHAPE RECORDS       =         14318
          TOTAL SIZE OF ELEMENT DATA RECORDS          =        960774
          TOTAL SIZE OF ELEMENT RESULT RECORDS        =       1462067
          TOTAL SIZE OF ELEMENT SOLUTION RECORDS      =             0
          TOTAL SIZE OF GLOBAL SOLUTION RECORD        =         34741
          TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS   =        181479

          TIME FOR PRE-SOLUTION PROCESS               =  0.81000E-01 SEC.
          (ALL ELEMENT STIFFNESS MATRICES)

          TIME AT CENTRAL PROCESSOR =  9:56:44 ON 16/04/21 (DAY/MTH/YR)

          S O L U T I O N   B Y   F R O N T A L   S P A R S E   M A T R I X
```

T E C H N I Q U E

TIME FOR EQUATION REORDERING = 0.01
SEC.

IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED =
521865 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

```
============================================================
= Multifrontal statistics                                  =
============================================================

    number of equations                      =          5586
    no. of nonzeroes in lower triangle of a  =         96693
    number of compressed nodes               =           931
    no. of compressed nonzeroes in l. tri.   =          2298
    amount of workspace currently in use     =        459515
    max. amt. of workspace used              =      98120028
    no. of nonzeroes in the factor l         =        281841.
    number of super nodes                    =           494
    number of compressed subscripts          =         17004
    size of stack storage                    =         27624
    maximum order of a front matrix          =           180
    maximum size of a front matrix           =         16290
    maximum size of a front trapezoid        =         14679
    no. of floating point ops for factor     =    2.5641D+07
    no. of floating point ops for solve      =    1.1553D+06
    actual no. of nonzeroes in the factor l  =        281841.
    actual number of compressed subscripts   =         17004
    actual size of stack storage used        =         51636
    near zero pivot monitoring activated
    number of pivots adjusted                =            0.
    negative pivot monitoring activated
    number of negative pivots encountered    =            0.
    factorization panel size                 =           128
    factorization update panel size          =            32
    solution block size                      =             8

    time (in seconds) for structure input    =      0.007000
    time (in seconds) for ordering           =      0.009000
    time (in seconds) for symbolic factor    =      0.004000
    time (in seconds) for value input        =      0.006000

    number of cpus used for factor & solve   =             2
    time (in seconds) for numeric factor     =      0.032000
    computational rate (mflops) for factor   =    801.280001
    condition number estimate                =    3.9447D+11

    time (in seconds) for numeric solve      =      0.001000
    computational rate (mflops) for solve    =   1155.308874

    i/o statistics:   unit number        length         amount
                                        (Mbytes)       (Mbytes)
                      -----------       --------       --------

                                31.           0.14           0.34
NUMBER OF POSITIVE EIGENVALUES                      =
5586
NUMBER OF NEGATIVE EIGENVALUES                      =
0

AMOUNT OF DISK SPACE USED                           =
0.14 MB
DETERMINANT OF STIFFNESS MATRIX                     =
4.937E+50970

SMALLEST PIVOT ENCOUNTERED WAS   645.155     AT NODE      449,
FREEDOM  6
LARGEST PIVOT ENCOUNTERED WAS   0.226672E+15 AT NODE       12,
FREEDOM  4
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   1      =
0.28089E-16
```

```
          FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   2      =
          0.91101E-16
          FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   3      =
          0.74422E-16
          FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   4      =
          0.62870E-16


          TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION
          =  0.69000E-01 SEC.
          TOTAL ELAPSED TIME USED SOLVING EQUATIONS
          =   0 HRS  0 MINS  0 SECS


          LOCATIONS USED DURING POST-SOLUTION PROCESS =        544628
          LOCATIONS AVAILABLE                         =      98304000

          ACTUAL TOTAL NO. EDGES IN STRUCTURE        =    1405
          ACTUAL TOTAL NO. FACES IN STRUCTURE        =     448

          TIME FOR POST-SOLUTION PROCESS              =  0.31500     SEC.

          TOTAL CPU TIME USED FOR SOLUTION           =   1.6050     SEC.

          TOTAL ELAPSED TIME USED FOR SOLUTION       =   0 HRS  0 MINS  1
          SECS

          TIME AT CENTRAL PROCESSOR =  9:56:44 ON 16/04/21 (DAY/MTH/YR)



          I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

          Disk Unit     Disk Page     Calls to     Buffered     Disk
          Page Table   Peak File
          Name          Size (Bytes)  I/O Routines Transfers    Accesses
          Swaps        Size (Mbytes)

          PROBLEM          16384          592         2636         1200
          0      12.56250
          FRONTAL          16384            0            0            0
          0     0.1562500E-01
          SHAPES           16384           57           94           20
          0     0.2812500
          PLOT             16384         4048         4885          480
          0      13.23438
          RESTART              0            0            0            0
          0     0.0000000E+00
 ***LUSAS RUN SUCCESSFULLY COMPLETED***
```

TIME AT CENTRAL PROCESSOR = 9:56:27 ON 16/04/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| NLPZ | 98304000 |
| NPGS | 960 |
| MXELGP | 32 |

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| IDTIME | 1 |

```
LL        UU    UU   SSSSSS     AAAA     SSSSSS
LL        UU    UU  SS    SS   AA  AA   SS    SS
LL        UU    UU  SS        AA    AA  SS
LL        UU    UU   SSSSS    AAAAAAAA   SSSSS
LL        UU    UU    SSSSS   AAAAAAAA    SSSSS
LL        UU    UU        SS  AA    AA        SS
LLLLLLLL  UU    UU  SS    SS  AA    AA  SS    SS
LLLLLLLL   UUUUUU    SSSSSS   AA    AA   SSSSSS
```

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
Forge House,
66 High Street,
Kingston upon Thames,
Surrey, KT1 1HN, UK
www.lusas.com

Sales Enquiries: Tel +44 (0)20 8541 1999
Fax +44 (0)20 8549 9399
Email: info@lusas.com

Customer Support: Tel +44 (0)20 3325 0440
Fax +44 (0)20 8549 9399
Email: support@lusas.com

This is a BETA Version of the Code supplied for TEST purposes only.
This Version has passed all the standard QA Checks, but has not undergone
field testing.
The documentation may be incomplete, file formats and commands may be
changed for the Final Release.

KeyID 10035 licensed on PC processor. Expires 1-07-2021
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
Input file : C:\PROJECTS\CT-RG\Barbaianni\modelli\LUSASFiles32\Barbaianni_Impalcato\Barbaiann

i_Impalcato~Fase3.dat

Number of processors available : 4
Maximum number of threads available : 4

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 9:56:29 ON 16/04/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M KG S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES

O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION

O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS

O P T I O N(S) 123 CLOCKWISE NODE NUMBERING

O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM

O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS

O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER

O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES

O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER

O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS

O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES

O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT

O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY

O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES

O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS

O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)

O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3

O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER

O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| JSH4 | ELEMENTS | | | |
| 1 | 1 | 2 | 1495 | 1496 |
| 9 | 9 | 10 | 1497 | 1498 |
| 10 | 13 | 12 | 1499 | 1500 |
| 20 | 18 | 17 | 1487 | 1488 |
| 21 | 28 | 29 | 1485 | 1486 |
| 22 | 39 | 40 | 1491 | 1492 |
| 23 | 42 | 41 | 1489 | 1490 |
| 24 | 52 | 53 | 1483 | 1484 |
| 25 | 63 | 64 | 1493 | 1494 |

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| QTS4 | ELEMENTS | | | |
| 446 | 422 | 423 | 480 | 479 |
| 447 | 423 | 424 | 481 | 480 |
| 448 | 424 | 425 | 482 | 481 |
| 449 | 425 | 426 | 483 | 482 |
| 450 | 426 | 427 | 484 | 483 |
| 451 | 427 | 428 | 485 | 484 |
| 452 | 428 | 429 | 486 | 485 |
| 453 | 429 | 430 | 487 | 486 |
| 454 | 430 | 431 | 488 | 487 |
| 455 | 431 | 432 | 489 | 488 |
| 456 | 432 | 433 | 490 | 489 |
| 457 | 433 | 434 | 491 | 490 |
| 458 | 434 | 435 | 492 | 491 |
| 459 | 435 | 436 | 493 | 492 |
| 460 | 436 | 437 | 494 | 493 |
| 461 | 437 | 438 | 495 | 494 |
| 462 | 438 | 439 | 496 | 495 |
| 463 | 439 | 440 | 497 | 496 |
| 464 | 440 | 441 | 498 | 497 |
| 465 | 441 | 442 | 499 | 498 |
| 466 | 442 | 443 | 500 | 499 |
| 467 | 443 | 444 | 501 | 500 |
| 468 | 444 | 445 | 502 | 501 |
| 469 | 445 | 446 | 503 | 502 |
| 470 | 446 | 447 | 504 | 503 |
| 471 | 447 | 448 | 505 | 504 |
| 472 | 448 | 449 | 506 | 505 |
| 473 | 449 | 450 | 507 | 506 |
| 474 | 450 | 451 | 508 | 507 |
| 475 | 451 | 452 | 509 | 508 |
| 476 | 452 | 453 | 510 | 509 |
| 477 | 453 | 454 | 511 | 510 |
| 478 | 454 | 455 | 512 | 511 |
| 479 | 455 | 456 | 513 | 512 |
| 480 | 456 | 457 | 514 | 513 |
| 481 | 457 | 458 | 515 | 514 |
| 482 | 458 | 459 | 516 | 515 |
| 483 | 459 | 460 | 517 | 516 |
| 484 | 460 | 461 | 518 | 517 |
| 485 | 461 | 462 | 519 | 518 |
| 486 | 462 | 463 | 520 | 519 |
| 487 | 463 | 464 | 521 | 520 |
| 488 | 464 | 465 | 522 | 521 |
| 489 | 465 | 466 | 523 | 522 |

| | | | | |
|---|---|---|---|---|
| 490 | 466 | 467 | 524 | 523 |
| 491 | 467 | 468 | 525 | 524 |
| 492 | 468 | 469 | 526 | 525 |
| 493 | 469 | 470 | 527 | 526 |
| 494 | 470 | 471 | 528 | 527 |
| 495 | 471 | 472 | 529 | 528 |
| 496 | 472 | 473 | 530 | 529 |
| 497 | 473 | 474 | 531 | 530 |
| 498 | 474 | 475 | 532 | 531 |
| 499 | 475 | 476 | 533 | 532 |
| 500 | 476 | 477 | 534 | 533 |
| 501 | 477 | 478 | 535 | 534 |
| 502 | 479 | 480 | 537 | 536 |
| 503 | 480 | 481 | 538 | 537 |
| 504 | 481 | 482 | 539 | 538 |
| 505 | 482 | 483 | 540 | 539 |
| 506 | 483 | 484 | 541 | 540 |
| 507 | 484 | 485 | 542 | 541 |
| 508 | 485 | 486 | 543 | 542 |
| 509 | 486 | 487 | 544 | 543 |
| 510 | 487 | 488 | 545 | 544 |
| 511 | 488 | 489 | 546 | 545 |
| 512 | 489 | 490 | 547 | 546 |
| 513 | 490 | 491 | 548 | 547 |
| 514 | 491 | 492 | 549 | 548 |
| 515 | 492 | 493 | 550 | 549 |
| 516 | 493 | 494 | 551 | 550 |
| 517 | 494 | 495 | 552 | 551 |
| 518 | 495 | 496 | 553 | 552 |
| 519 | 496 | 497 | 554 | 553 |
| 520 | 497 | 498 | 555 | 554 |
| 521 | 498 | 499 | 556 | 555 |
| 522 | 499 | 500 | 557 | 556 |
| 523 | 500 | 501 | 558 | 557 |
| 524 | 501 | 502 | 559 | 558 |
| 525 | 502 | 503 | 560 | 559 |
| 526 | 503 | 504 | 561 | 560 |
| 527 | 504 | 505 | 562 | 561 |
| 528 | 505 | 506 | 563 | 562 |
| 529 | 506 | 507 | 564 | 563 |
| 530 | 507 | 508 | 565 | 564 |
| 531 | 508 | 509 | 566 | 565 |
| 532 | 509 | 510 | 567 | 566 |
| 533 | 510 | 511 | 568 | 567 |
| 534 | 511 | 512 | 569 | 568 |
| 535 | 512 | 513 | 570 | 569 |
| 536 | 513 | 514 | 571 | 570 |
| 537 | 514 | 515 | 572 | 571 |
| 538 | 515 | 516 | 573 | 572 |
| 539 | 516 | 517 | 574 | 573 |
| 540 | 517 | 518 | 575 | 574 |
| 541 | 518 | 519 | 576 | 575 |
| 542 | 519 | 520 | 577 | 576 |
| 543 | 520 | 521 | 578 | 577 |
| 544 | 521 | 522 | 579 | 578 |
| 545 | 522 | 523 | 580 | 579 |
| 546 | 523 | 524 | 581 | 580 |
| 547 | 524 | 525 | 582 | 581 |
| 548 | 525 | 526 | 583 | 582 |
| 549 | 526 | 527 | 584 | 583 |
| 550 | 527 | 528 | 585 | 584 |
| 551 | 528 | 529 | 586 | 585 |
| 552 | 529 | 530 | 587 | 586 |
| 553 | 530 | 531 | 588 | 587 |
| 554 | 531 | 532 | 589 | 588 |
| 555 | 532 | 533 | 590 | 589 |
| 556 | 533 | 534 | 591 | 590 |
| 557 | 534 | 535 | 592 | 591 |
| 614 | 536 | 537 | 594 | 593 |
| 615 | 537 | 538 | 595 | 594 |
| 616 | 538 | 539 | 596 | 595 |
| 617 | 539 | 540 | 597 | 596 |
| 618 | 540 | 541 | 598 | 597 |

| | | | | |
|---|---|---|---|---|
| 619 | 541 | 542 | 599 | 598 |
| 620 | 542 | 543 | 600 | 599 |
| 621 | 543 | 544 | 601 | 600 |
| 622 | 544 | 545 | 602 | 601 |
| 623 | 545 | 546 | 603 | 602 |
| 624 | 546 | 547 | 604 | 603 |
| 625 | 547 | 548 | 605 | 604 |
| 626 | 548 | 549 | 606 | 605 |
| 627 | 549 | 550 | 607 | 606 |
| 628 | 550 | 551 | 608 | 607 |
| 629 | 551 | 552 | 609 | 608 |
| 630 | 552 | 553 | 610 | 609 |
| 631 | 553 | 554 | 611 | 610 |
| 632 | 554 | 555 | 612 | 611 |
| 633 | 555 | 556 | 613 | 612 |
| 634 | 556 | 557 | 614 | 613 |
| 635 | 557 | 558 | 615 | 614 |
| 636 | 558 | 559 | 616 | 615 |
| 637 | 559 | 560 | 617 | 616 |
| 638 | 560 | 561 | 618 | 617 |
| 639 | 561 | 562 | 619 | 618 |
| 640 | 562 | 563 | 620 | 619 |
| 641 | 563 | 564 | 621 | 620 |
| 642 | 564 | 565 | 622 | 621 |
| 643 | 565 | 566 | 623 | 622 |
| 644 | 566 | 567 | 624 | 623 |
| 645 | 567 | 568 | 625 | 624 |
| 646 | 568 | 569 | 626 | 625 |
| 647 | 569 | 570 | 627 | 626 |
| 648 | 570 | 571 | 628 | 627 |
| 649 | 571 | 572 | 629 | 628 |
| 650 | 572 | 573 | 630 | 629 |
| 651 | 573 | 574 | 631 | 630 |
| 652 | 574 | 575 | 632 | 631 |
| 653 | 575 | 576 | 633 | 632 |
| 654 | 576 | 577 | 634 | 633 |
| 655 | 577 | 578 | 635 | 634 |
| 656 | 578 | 579 | 636 | 635 |
| 657 | 579 | 580 | 637 | 636 |
| 658 | 580 | 581 | 638 | 637 |
| 659 | 581 | 582 | 639 | 638 |
| 660 | 582 | 583 | 640 | 639 |
| 661 | 583 | 584 | 641 | 640 |
| 662 | 584 | 585 | 642 | 641 |
| 663 | 585 | 586 | 643 | 642 |
| 664 | 586 | 587 | 644 | 643 |
| 665 | 587 | 588 | 645 | 644 |
| 666 | 588 | 589 | 646 | 645 |
| 667 | 589 | 590 | 647 | 646 |
| 668 | 590 | 591 | 648 | 647 |
| 669 | 591 | 592 | 649 | 648 |
| 670 | 593 | 594 | 651 | 650 |
| 671 | 594 | 595 | 652 | 651 |
| 672 | 595 | 596 | 653 | 652 |
| 673 | 596 | 597 | 654 | 653 |
| 674 | 597 | 598 | 655 | 654 |
| 675 | 598 | 599 | 656 | 655 |
| 676 | 599 | 600 | 657 | 656 |
| 677 | 600 | 601 | 658 | 657 |
| 678 | 601 | 602 | 659 | 658 |
| 679 | 602 | 603 | 660 | 659 |
| 680 | 603 | 604 | 661 | 660 |
| 681 | 604 | 605 | 662 | 661 |
| 682 | 605 | 606 | 663 | 662 |
| 683 | 606 | 607 | 664 | 663 |
| 684 | 607 | 608 | 665 | 664 |
| 685 | 608 | 609 | 666 | 665 |
| 686 | 609 | 610 | 667 | 666 |
| 687 | 610 | 611 | 668 | 667 |
| 688 | 611 | 612 | 669 | 668 |
| 689 | 612 | 613 | 670 | 669 |
| 690 | 613 | 614 | 671 | 670 |
| 691 | 614 | 615 | 672 | 671 |

| | | | | |
|---|---|---|---|---|
| 692 | 615 | 616 | 673 | 672 |
| 693 | 616 | 617 | 674 | 673 |
| 694 | 617 | 618 | 675 | 674 |
| 695 | 618 | 619 | 676 | 675 |
| 696 | 619 | 620 | 677 | 676 |
| 697 | 620 | 621 | 678 | 677 |
| 698 | 621 | 622 | 679 | 678 |
| 699 | 622 | 623 | 680 | 679 |
| 700 | 623 | 624 | 681 | 680 |
| 701 | 624 | 625 | 682 | 681 |
| 702 | 625 | 626 | 683 | 682 |
| 703 | 626 | 627 | 684 | 683 |
| 704 | 627 | 628 | 685 | 684 |
| 705 | 628 | 629 | 686 | 685 |
| 706 | 629 | 630 | 687 | 686 |
| 707 | 630 | 631 | 688 | 687 |
| 708 | 631 | 632 | 689 | 688 |
| 709 | 632 | 633 | 690 | 689 |
| 710 | 633 | 634 | 691 | 690 |
| 711 | 634 | 635 | 692 | 691 |
| 712 | 635 | 636 | 693 | 692 |
| 713 | 636 | 637 | 694 | 693 |
| 714 | 637 | 638 | 695 | 694 |
| 715 | 638 | 639 | 696 | 695 |
| 716 | 639 | 640 | 697 | 696 |
| 717 | 640 | 641 | 698 | 697 |
| 718 | 641 | 642 | 699 | 698 |
| 719 | 642 | 643 | 700 | 699 |
| 720 | 643 | 644 | 701 | 700 |
| 721 | 644 | 645 | 702 | 701 |
| 722 | 645 | 646 | 703 | 702 |
| 723 | 646 | 647 | 704 | 703 |
| 724 | 647 | 648 | 705 | 704 |
| 725 | 648 | 649 | 706 | 705 |
| 726 | 650 | 651 | 708 | 707 |
| 727 | 651 | 652 | 709 | 708 |
| 728 | 652 | 653 | 710 | 709 |
| 729 | 653 | 654 | 711 | 710 |
| 730 | 654 | 655 | 712 | 711 |
| 731 | 655 | 656 | 713 | 712 |
| 732 | 656 | 657 | 714 | 713 |
| 733 | 657 | 658 | 715 | 714 |
| 734 | 658 | 659 | 716 | 715 |
| 735 | 659 | 660 | 717 | 716 |
| 736 | 660 | 661 | 718 | 717 |
| 737 | 661 | 662 | 719 | 718 |
| 738 | 662 | 663 | 720 | 719 |
| 739 | 663 | 664 | 721 | 720 |
| 740 | 664 | 665 | 722 | 721 |
| 741 | 665 | 666 | 723 | 722 |
| 742 | 666 | 667 | 724 | 723 |
| 743 | 667 | 668 | 725 | 724 |
| 744 | 668 | 669 | 726 | 725 |
| 745 | 669 | 670 | 727 | 726 |
| 746 | 670 | 671 | 728 | 727 |
| 747 | 671 | 672 | 729 | 728 |
| 748 | 672 | 673 | 730 | 729 |
| 749 | 673 | 674 | 731 | 730 |
| 750 | 674 | 675 | 732 | 731 |
| 751 | 675 | 676 | 733 | 732 |
| 752 | 676 | 677 | 734 | 733 |
| 753 | 677 | 678 | 735 | 734 |
| 754 | 678 | 679 | 736 | 735 |
| 755 | 679 | 680 | 737 | 736 |
| 756 | 680 | 681 | 738 | 737 |
| 757 | 681 | 682 | 739 | 738 |
| 758 | 682 | 683 | 740 | 739 |
| 759 | 683 | 684 | 741 | 740 |
| 760 | 684 | 685 | 742 | 741 |
| 761 | 685 | 686 | 743 | 742 |
| 762 | 686 | 687 | 744 | 743 |
| 763 | 687 | 688 | 745 | 744 |
| 764 | 688 | 689 | 746 | 745 |

| | | | | |
|---|---|---|---|---|
| 765 | 689 | 690 | 747 | 746 |
| 766 | 690 | 691 | 748 | 747 |
| 767 | 691 | 692 | 749 | 748 |
| 768 | 692 | 693 | 750 | 749 |
| 769 | 693 | 694 | 751 | 750 |
| 770 | 694 | 695 | 752 | 751 |
| 771 | 695 | 696 | 753 | 752 |
| 772 | 696 | 697 | 754 | 753 |
| 773 | 697 | 698 | 755 | 754 |
| 774 | 698 | 699 | 756 | 755 |
| 775 | 699 | 700 | 757 | 756 |
| 776 | 700 | 701 | 758 | 757 |
| 777 | 701 | 702 | 759 | 758 |
| 778 | 702 | 703 | 760 | 759 |
| 779 | 703 | 704 | 761 | 760 |
| 780 | 704 | 705 | 762 | 761 |
| 781 | 705 | 706 | 763 | 762 |
| 782 | 707 | 708 | 765 | 764 |
| 783 | 708 | 709 | 766 | 765 |
| 784 | 709 | 710 | 767 | 766 |
| 785 | 710 | 711 | 768 | 767 |
| 786 | 711 | 712 | 769 | 768 |
| 787 | 712 | 713 | 770 | 769 |
| 788 | 713 | 714 | 771 | 770 |
| 789 | 714 | 715 | 772 | 771 |
| 790 | 715 | 716 | 773 | 772 |
| 791 | 716 | 717 | 774 | 773 |
| 792 | 717 | 718 | 775 | 774 |
| 793 | 718 | 719 | 776 | 775 |
| 794 | 719 | 720 | 777 | 776 |
| 795 | 720 | 721 | 778 | 777 |
| 796 | 721 | 722 | 779 | 778 |
| 797 | 722 | 723 | 780 | 779 |
| 798 | 723 | 724 | 781 | 780 |
| 799 | 724 | 725 | 782 | 781 |
| 800 | 725 | 726 | 783 | 782 |
| 801 | 726 | 727 | 784 | 783 |
| 802 | 727 | 728 | 785 | 784 |
| 803 | 728 | 729 | 786 | 785 |
| 804 | 729 | 730 | 787 | 786 |
| 805 | 730 | 731 | 788 | 787 |
| 806 | 731 | 732 | 789 | 788 |
| 807 | 732 | 733 | 790 | 789 |
| 808 | 733 | 734 | 791 | 790 |
| 809 | 734 | 735 | 792 | 791 |
| 810 | 735 | 736 | 793 | 792 |
| 811 | 736 | 737 | 794 | 793 |
| 812 | 737 | 738 | 795 | 794 |
| 813 | 738 | 739 | 796 | 795 |
| 814 | 739 | 740 | 797 | 796 |
| 815 | 740 | 741 | 798 | 797 |
| 816 | 741 | 742 | 799 | 798 |
| 817 | 742 | 743 | 800 | 799 |
| 818 | 743 | 744 | 801 | 800 |
| 819 | 744 | 745 | 802 | 801 |
| 820 | 745 | 746 | 803 | 802 |
| 821 | 746 | 747 | 804 | 803 |
| 822 | 747 | 748 | 805 | 804 |
| 823 | 748 | 749 | 806 | 805 |
| 824 | 749 | 750 | 807 | 806 |
| 825 | 750 | 751 | 808 | 807 |
| 826 | 751 | 752 | 809 | 808 |
| 827 | 752 | 753 | 810 | 809 |
| 828 | 753 | 754 | 811 | 810 |
| 829 | 754 | 755 | 812 | 811 |
| 830 | 755 | 756 | 813 | 812 |
| 831 | 756 | 757 | 814 | 813 |
| 832 | 757 | 758 | 815 | 814 |
| 833 | 758 | 759 | 816 | 815 |
| 834 | 759 | 760 | 817 | 816 |
| 835 | 760 | 761 | 818 | 817 |
| 836 | 761 | 762 | 819 | 818 |
| 837 | 762 | 763 | 820 | 819 |

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|---|---|---|---|---|
| 894 | 764 | 765 | 822 | 821 |
| 895 | 765 | 766 | 823 | 822 |
| 896 | 766 | 767 | 824 | 823 |
| 897 | 767 | 768 | 825 | 824 |
| 898 | 768 | 769 | 826 | 825 |
| 899 | 769 | 770 | 827 | 826 |
| 900 | 770 | 771 | 828 | 827 |
| 901 | 771 | 772 | 829 | 828 |
| 902 | 772 | 773 | 830 | 829 |
| 903 | 773 | 774 | 831 | 830 |
| 904 | 774 | 775 | 832 | 831 |
| 905 | 775 | 776 | 833 | 832 |
| 906 | 776 | 777 | 834 | 833 |
| 907 | 777 | 778 | 835 | 834 |
| 908 | 778 | 779 | 836 | 835 |
| 909 | 779 | 780 | 837 | 836 |
| 910 | 780 | 781 | 838 | 837 |
| 911 | 781 | 782 | 839 | 838 |
| 912 | 782 | 783 | 840 | 839 |
| 913 | 783 | 784 | 841 | 840 |
| 914 | 784 | 785 | 842 | 841 |
| 915 | 785 | 786 | 843 | 842 |
| 916 | 786 | 787 | 844 | 843 |
| 917 | 787 | 788 | 845 | 844 |
| 918 | 788 | 789 | 846 | 845 |
| 919 | 789 | 790 | 847 | 846 |
| 920 | 790 | 791 | 848 | 847 |
| 921 | 791 | 792 | 849 | 848 |
| 922 | 792 | 793 | 850 | 849 |
| 923 | 793 | 794 | 851 | 850 |
| 924 | 794 | 795 | 852 | 851 |
| 925 | 795 | 796 | 853 | 852 |
| 926 | 796 | 797 | 854 | 853 |
| 927 | 797 | 798 | 855 | 854 |
| 928 | 798 | 799 | 856 | 855 |
| 929 | 799 | 800 | 857 | 856 |
| 930 | 800 | 801 | 858 | 857 |
| 931 | 801 | 802 | 859 | 858 |
| 932 | 802 | 803 | 860 | 859 |
| 933 | 803 | 804 | 861 | 860 |
| 934 | 804 | 805 | 862 | 861 |
| 935 | 805 | 806 | 863 | 862 |
| 936 | 806 | 807 | 864 | 863 |
| 937 | 807 | 808 | 865 | 864 |
| 938 | 808 | 809 | 866 | 865 |
| 939 | 809 | 810 | 867 | 866 |
| 940 | 810 | 811 | 868 | 867 |
| 941 | 811 | 812 | 869 | 868 |
| 942 | 812 | 813 | 870 | 869 |
| 943 | 813 | 814 | 871 | 870 |
| 944 | 814 | 815 | 872 | 871 |
| 945 | 815 | 816 | 873 | 872 |
| 946 | 816 | 817 | 874 | 873 |
| 947 | 817 | 818 | 875 | 874 |
| 948 | 818 | 819 | 876 | 875 |
| 949 | 819 | 820 | 877 | 876 |
| 950 | 821 | 822 | 879 | 878 |
| 951 | 822 | 823 | 880 | 879 |
| 952 | 823 | 824 | 881 | 880 |
| 953 | 824 | 825 | 882 | 881 |
| 954 | 825 | 826 | 883 | 882 |
| 955 | 826 | 827 | 884 | 883 |
| 956 | 827 | 828 | 885 | 884 |
| 957 | 828 | 829 | 886 | 885 |
| 958 | 829 | 830 | 887 | 886 |
| 959 | 830 | 831 | 888 | 887 |
| 960 | 831 | 832 | 889 | 888 |
| 961 | 832 | 833 | 890 | 889 |
| 962 | 833 | 834 | 891 | 890 |
| 963 | 834 | 835 | 892 | 891 |
| 964 | 835 | 836 | 893 | 892 |
| 965 | 836 | 837 | 894 | 893 |
| 966 | 837 | 838 | 895 | 894 |

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|---|---|---|---|---|
| 967 | 838 | 839 | 896 | 895 |
| 968 | 839 | 840 | 897 | 896 |
| 969 | 840 | 841 | 898 | 897 |
| 970 | 841 | 842 | 899 | 898 |
| 971 | 842 | 843 | 900 | 899 |
| 972 | 843 | 844 | 901 | 900 |
| 973 | 844 | 845 | 902 | 901 |
| 974 | 845 | 846 | 903 | 902 |
| 975 | 846 | 847 | 904 | 903 |
| 976 | 847 | 848 | 905 | 904 |
| 977 | 848 | 849 | 906 | 905 |
| 978 | 849 | 850 | 907 | 906 |
| 979 | 850 | 851 | 908 | 907 |
| 980 | 851 | 852 | 909 | 908 |
| 981 | 852 | 853 | 910 | 909 |
| 982 | 853 | 854 | 911 | 910 |
| 983 | 854 | 855 | 912 | 911 |
| 984 | 855 | 856 | 913 | 912 |
| 985 | 856 | 857 | 914 | 913 |
| 986 | 857 | 858 | 915 | 914 |
| 987 | 858 | 859 | 916 | 915 |
| 988 | 859 | 860 | 917 | 916 |
| 989 | 860 | 861 | 918 | 917 |
| 990 | 861 | 862 | 919 | 918 |
| 991 | 862 | 863 | 920 | 919 |
| 992 | 863 | 864 | 921 | 920 |
| 993 | 864 | 865 | 922 | 921 |
| 994 | 865 | 866 | 923 | 922 |
| 995 | 866 | 867 | 924 | 923 |
| 996 | 867 | 868 | 925 | 924 |
| 997 | 868 | 869 | 926 | 925 |
| 998 | 869 | 870 | 927 | 926 |
| 999 | 870 | 871 | 928 | 927 |
| 1000 | 871 | 872 | 929 | 928 |
| 1001 | 872 | 873 | 930 | 929 |
| 1002 | 873 | 874 | 931 | 930 |
| 1003 | 874 | 875 | 932 | 931 |
| 1004 | 875 | 876 | 933 | 932 |
| 1005 | 876 | 877 | 934 | 933 |

E L E M E N T T O P O L O G Y

ELEMENT NUMBER / ELEMENT NODE NUMBERS / END CONDITIONS (C=CONSTRAINED,F=FREE,R=RESTRAINED)

| BMI21 | ELEMENTS | | |
|---|---|---|---|
| 2 | 2 | 3 | 1096 |
| 3 | 3 | 4 | 1093 |
| 4 | 4 | 5 | 1094 |
| 5 | 5 | 11 | 1095 |
| 6 | 6 | 10 | 1106 |
| 7 | 11 | 7 | 1092 |
| 8 | 8 | 12 | 1102 |
| 11 | 10 | 14 | 1103 |
| 12 | 15 | 11 | 1091 |
| 13 | 12 | 16 | 1099 |
| 14 | 18 | 6 | 1105 |
| 15 | 28 | 7 | 1098 |
| 16 | 39 | 8 | 1101 |
| 17 | 14 | 42 | 1104 |
| 18 | 52 | 15 | 1097 |
| 19 | 16 | 63 | 1100 |
| 26 | 17 | 65 | 1153 |
| 27 | 29 | 66 | 1173 |
| 28 | 40 | 67 | 1193 |
| 29 | 41 | 68 | 1109 |
| 30 | 53 | 69 | 1129 |
| 31 | 64 | 70 | 1149 |
| 32 | 19 | 71 | 1293 |

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| 33 | 20 | 72 | 1157 |
| 34 | 21 | 73 | 1313 |
| 35 | 22 | 74 | 1161 |
| 36 | 23 | 75 | 1333 |
| 37 | 24 | 76 | 1165 |
| 38 | 25 | 77 | 1353 |
| 39 | 26 | 78 | 1169 |
| 40 | 27 | 79 | 1373 |
| 41 | 30 | 80 | 1393 |
| 42 | 31 | 81 | 1177 |
| 43 | 32 | 82 | 1413 |
| 44 | 33 | 83 | 1181 |
| 45 | 34 | 84 | 1433 |
| 46 | 35 | 85 | 1185 |
| 47 | 36 | 86 | 1453 |
| 48 | 37 | 87 | 1189 |
| 49 | 38 | 88 | 1473 |
| 50 | 43 | 89 | 1289 |
| 51 | 44 | 90 | 1113 |
| 52 | 45 | 91 | 1309 |
| 53 | 46 | 92 | 1117 |
| 54 | 47 | 93 | 1329 |
| 55 | 48 | 94 | 1121 |
| 56 | 49 | 95 | 1349 |
| 57 | 50 | 96 | 1125 |
| 58 | 51 | 97 | 1369 |
| 59 | 54 | 98 | 1389 |
| 60 | 55 | 99 | 1133 |
| 61 | 56 | 100 | 1409 |
| 62 | 57 | 101 | 1137 |
| 63 | 58 | 102 | 1429 |
| 64 | 59 | 103 | 1141 |
| 65 | 60 | 104 | 1449 |
| 66 | 61 | 105 | 1145 |
| 67 | 62 | 106 | 1469 |
| 68 | 65 | 107 | 1154 |
| 69 | 66 | 108 | 1174 |
| 70 | 67 | 109 | 1194 |
| 71 | 68 | 110 | 1110 |
| 72 | 69 | 111 | 1130 |
| 73 | 70 | 112 | 1150 |
| 74 | 71 | 113 | 1294 |
| 75 | 72 | 114 | 1158 |
| 76 | 73 | 115 | 1314 |
| 77 | 74 | 116 | 1162 |
| 78 | 75 | 117 | 1334 |
| 79 | 76 | 118 | 1166 |
| 80 | 77 | 119 | 1354 |
| 81 | 78 | 120 | 1170 |
| 82 | 79 | 121 | 1374 |
| 83 | 80 | 122 | 1394 |
| 84 | 81 | 123 | 1178 |
| 85 | 82 | 124 | 1414 |
| 86 | 83 | 125 | 1182 |
| 87 | 84 | 126 | 1434 |
| 88 | 85 | 127 | 1186 |
| 89 | 86 | 128 | 1454 |
| 90 | 87 | 129 | 1190 |
| 91 | 88 | 130 | 1474 |
| 92 | 89 | 131 | 1290 |
| 93 | 90 | 132 | 1114 |
| 94 | 91 | 133 | 1310 |
| 95 | 92 | 134 | 1118 |
| 96 | 93 | 135 | 1330 |
| 97 | 94 | 136 | 1122 |
| 98 | 95 | 137 | 1350 |
| 99 | 96 | 138 | 1126 |
| 100 | 97 | 139 | 1370 |
| 101 | 98 | 140 | 1390 |
| 102 | 99 | 141 | 1134 |
| 103 | 100 | 142 | 1410 |
| 104 | 101 | 143 | 1138 |
| 105 | 102 | 144 | 1430 |

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| 106 | 103 | 145 | 1142 |
| 107 | 104 | 146 | 1450 |
| 108 | 105 | 147 | 1146 |
| 109 | 106 | 148 | 1470 |
| 110 | 107 | 149 | 1151 |
| 111 | 108 | 150 | 1171 |
| 112 | 109 | 151 | 1191 |
| 113 | 110 | 152 | 1107 |
| 114 | 111 | 153 | 1127 |
| 115 | 112 | 154 | 1147 |
| 116 | 113 | 155 | 1291 |
| 117 | 114 | 156 | 1155 |
| 118 | 115 | 157 | 1311 |
| 119 | 116 | 158 | 1159 |
| 120 | 117 | 159 | 1331 |
| 121 | 118 | 160 | 1163 |
| 122 | 119 | 161 | 1351 |
| 123 | 120 | 162 | 1167 |
| 124 | 121 | 163 | 1371 |
| 125 | 122 | 164 | 1391 |
| 126 | 123 | 165 | 1175 |
| 127 | 124 | 166 | 1411 |
| 128 | 125 | 167 | 1179 |
| 129 | 126 | 168 | 1431 |
| 130 | 127 | 169 | 1183 |
| 131 | 128 | 170 | 1451 |
| 132 | 129 | 171 | 1187 |
| 133 | 130 | 172 | 1471 |
| 134 | 131 | 173 | 1287 |
| 135 | 132 | 174 | 1111 |
| 136 | 133 | 175 | 1307 |
| 137 | 134 | 176 | 1115 |
| 138 | 135 | 177 | 1327 |
| 139 | 136 | 178 | 1119 |
| 140 | 137 | 179 | 1347 |
| 141 | 138 | 180 | 1123 |
| 142 | 139 | 181 | 1367 |
| 143 | 140 | 182 | 1387 |
| 144 | 141 | 183 | 1131 |
| 145 | 142 | 184 | 1407 |
| 146 | 143 | 185 | 1135 |
| 147 | 144 | 186 | 1427 |
| 148 | 145 | 187 | 1139 |
| 149 | 146 | 188 | 1447 |
| 150 | 147 | 189 | 1143 |
| 151 | 148 | 190 | 1467 |
| 152 | 149 | 191 | 1152 |
| 153 | 150 | 201 | 1172 |
| 154 | 151 | 211 | 1192 |
| 155 | 152 | 275 | 1108 |
| 156 | 153 | 285 | 1128 |
| 157 | 154 | 295 | 1148 |
| 158 | 155 | 192 | 1292 |
| 159 | 156 | 193 | 1156 |
| 160 | 157 | 194 | 1312 |
| 161 | 158 | 195 | 1160 |
| 162 | 159 | 196 | 1332 |
| 163 | 160 | 197 | 1164 |
| 164 | 161 | 198 | 1352 |
| 165 | 162 | 199 | 1168 |
| 166 | 163 | 200 | 1372 |
| 167 | 164 | 202 | 1392 |
| 168 | 165 | 203 | 1176 |
| 169 | 166 | 204 | 1412 |
| 170 | 167 | 205 | 1180 |
| 171 | 168 | 206 | 1432 |
| 172 | 169 | 207 | 1184 |
| 173 | 170 | 208 | 1452 |
| 174 | 171 | 209 | 1188 |
| 175 | 172 | 210 | 1472 |
| 176 | 173 | 276 | 1288 |
| 177 | 174 | 277 | 1112 |
| 178 | 175 | 278 | 1308 |

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| 179 | 176 | 279 | 1116 |
| 180 | 177 | 280 | 1328 |
| 181 | 178 | 281 | 1120 |
| 182 | 179 | 282 | 1348 |
| 183 | 180 | 283 | 1124 |
| 184 | 181 | 284 | 1368 |
| 185 | 182 | 286 | 1388 |
| 186 | 183 | 287 | 1132 |
| 187 | 184 | 288 | 1408 |
| 188 | 185 | 289 | 1136 |
| 189 | 186 | 290 | 1428 |
| 190 | 187 | 291 | 1140 |
| 191 | 188 | 292 | 1448 |
| 192 | 189 | 293 | 1144 |
| 193 | 190 | 294 | 1468 |
| 194 | 191 | 212 | 1047 |
| 195 | 192 | 213 | 1283 |
| 196 | 193 | 214 | 1051 |
| 197 | 194 | 215 | 1303 |
| 198 | 195 | 216 | 1055 |
| 199 | 196 | 217 | 1323 |
| 200 | 197 | 218 | 1059 |
| 201 | 198 | 219 | 1343 |
| 202 | 199 | 220 | 1063 |
| 203 | 200 | 221 | 1363 |
| 204 | 201 | 222 | 1067 |
| 205 | 202 | 223 | 1383 |
| 206 | 203 | 224 | 1071 |
| 207 | 204 | 225 | 1403 |
| 208 | 205 | 226 | 1075 |
| 209 | 206 | 227 | 1423 |
| 210 | 207 | 228 | 1079 |
| 211 | 208 | 229 | 1443 |
| 212 | 209 | 230 | 1083 |
| 213 | 210 | 231 | 1463 |
| 214 | 211 | 232 | 1087 |
| 215 | 212 | 233 | 1048 |
| 216 | 213 | 234 | 1284 |
| 217 | 214 | 235 | 1052 |
| 218 | 215 | 236 | 1304 |
| 219 | 216 | 237 | 1056 |
| 220 | 217 | 238 | 1324 |
| 221 | 218 | 239 | 1060 |
| 222 | 219 | 240 | 1344 |
| 223 | 220 | 241 | 1064 |
| 224 | 221 | 242 | 1364 |
| 225 | 222 | 243 | 1068 |
| 226 | 223 | 244 | 1384 |
| 227 | 224 | 245 | 1072 |
| 228 | 225 | 246 | 1404 |
| 229 | 226 | 247 | 1076 |
| 230 | 227 | 248 | 1424 |
| 231 | 228 | 249 | 1080 |
| 232 | 229 | 250 | 1444 |
| 233 | 230 | 251 | 1084 |
| 234 | 231 | 252 | 1464 |
| 235 | 232 | 253 | 1088 |
| 236 | 233 | 254 | 1049 |
| 237 | 234 | 255 | 1285 |
| 238 | 235 | 256 | 1053 |
| 239 | 236 | 257 | 1305 |
| 240 | 237 | 258 | 1057 |
| 241 | 238 | 259 | 1325 |
| 242 | 239 | 260 | 1061 |
| 243 | 240 | 261 | 1345 |
| 244 | 241 | 262 | 1065 |
| 245 | 242 | 263 | 1365 |
| 246 | 243 | 264 | 1069 |
| 247 | 244 | 265 | 1385 |
| 248 | 245 | 266 | 1073 |
| 249 | 246 | 267 | 1405 |
| 250 | 247 | 268 | 1077 |
| 251 | 248 | 269 | 1425 |

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| 252 | 249 | 270 | 1081 |
| 253 | 250 | 271 | 1445 |
| 254 | 251 | 272 | 1085 |
| 255 | 252 | 273 | 1465 |
| 256 | 253 | 274 | 1089 |
| 257 | 254 | 275 | 1050 |
| 258 | 255 | 276 | 1286 |
| 259 | 256 | 277 | 1054 |
| 260 | 257 | 278 | 1306 |
| 261 | 258 | 279 | 1058 |
| 262 | 259 | 280 | 1326 |
| 263 | 260 | 281 | 1062 |
| 264 | 261 | 282 | 1346 |
| 265 | 262 | 283 | 1066 |
| 266 | 263 | 284 | 1366 |
| 267 | 264 | 285 | 1070 |
| 268 | 265 | 286 | 1386 |
| 269 | 266 | 287 | 1074 |
| 270 | 267 | 288 | 1406 |
| 271 | 268 | 289 | 1078 |
| 272 | 269 | 290 | 1426 |
| 273 | 270 | 291 | 1082 |
| 274 | 271 | 292 | 1446 |
| 275 | 272 | 293 | 1086 |
| 276 | 273 | 294 | 1466 |
| 277 | 274 | 295 | 1090 |
| 278 | 192 | 296 | 1301 |
| 279 | 193 | 297 | 1245 |
| 280 | 194 | 298 | 1321 |
| 281 | 195 | 299 | 1249 |
| 282 | 196 | 300 | 1341 |
| 283 | 197 | 301 | 1253 |
| 284 | 198 | 302 | 1361 |
| 285 | 199 | 303 | 1257 |
| 286 | 200 | 304 | 1381 |
| 287 | 202 | 305 | 1401 |
| 288 | 203 | 306 | 1265 |
| 289 | 204 | 307 | 1421 |
| 290 | 205 | 308 | 1269 |
| 291 | 206 | 309 | 1441 |
| 292 | 207 | 310 | 1273 |
| 293 | 208 | 311 | 1461 |
| 294 | 209 | 312 | 1277 |
| 295 | 210 | 313 | 1481 |
| 296 | 276 | 314 | 1297 |
| 297 | 277 | 315 | 1201 |
| 298 | 278 | 316 | 1317 |
| 299 | 279 | 317 | 1205 |
| 300 | 280 | 318 | 1337 |
| 301 | 281 | 319 | 1209 |
| 302 | 282 | 320 | 1357 |
| 303 | 283 | 321 | 1213 |
| 304 | 284 | 322 | 1377 |
| 305 | 286 | 323 | 1397 |
| 306 | 287 | 324 | 1221 |
| 307 | 288 | 325 | 1417 |
| 308 | 289 | 326 | 1225 |
| 309 | 290 | 327 | 1437 |
| 310 | 291 | 328 | 1229 |
| 311 | 292 | 329 | 1457 |
| 312 | 293 | 330 | 1233 |
| 313 | 294 | 331 | 1477 |
| 314 | 191 | 332 | 1241 |
| 315 | 201 | 333 | 1261 |
| 316 | 211 | 334 | 1281 |
| 317 | 275 | 335 | 1197 |
| 318 | 285 | 336 | 1217 |
| 319 | 295 | 337 | 1237 |
| 320 | 296 | 338 | 1302 |
| 321 | 297 | 339 | 1246 |
| 322 | 298 | 340 | 1322 |
| 323 | 299 | 341 | 1250 |
| 324 | 300 | 342 | 1342 |

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| 325 | 301 | 343 | 1254 |
| 326 | 302 | 344 | 1362 |
| 327 | 303 | 345 | 1258 |
| 328 | 304 | 346 | 1382 |
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| 331 | 307 | 349 | 1422 |
| 332 | 308 | 350 | 1270 |
| 333 | 309 | 351 | 1442 |
| 334 | 310 | 352 | 1274 |
| 335 | 311 | 353 | 1462 |
| 336 | 312 | 354 | 1278 |
| 337 | 313 | 355 | 1482 |
| 338 | 314 | 356 | 1298 |
| 339 | 315 | 357 | 1202 |
| 340 | 316 | 358 | 1318 |
| 341 | 317 | 359 | 1206 |
| 342 | 318 | 360 | 1338 |
| 343 | 319 | 361 | 1210 |
| 344 | 320 | 362 | 1358 |
| 345 | 321 | 363 | 1214 |
| 346 | 322 | 364 | 1378 |
| 347 | 323 | 365 | 1398 |
| 348 | 324 | 366 | 1222 |
| 349 | 325 | 367 | 1418 |
| 350 | 326 | 368 | 1226 |
| 351 | 327 | 369 | 1438 |
| 352 | 328 | 370 | 1230 |
| 353 | 329 | 371 | 1458 |
| 354 | 330 | 372 | 1234 |
| 355 | 331 | 373 | 1478 |
| 356 | 332 | 374 | 1242 |
| 357 | 333 | 375 | 1262 |
| 358 | 334 | 376 | 1282 |
| 359 | 335 | 377 | 1198 |
| 360 | 336 | 378 | 1218 |
| 361 | 337 | 379 | 1238 |
| 362 | 338 | 380 | 1299 |
| 363 | 339 | 381 | 1243 |
| 364 | 340 | 382 | 1319 |
| 365 | 341 | 383 | 1247 |
| 366 | 342 | 384 | 1339 |
| 367 | 343 | 385 | 1251 |
| 368 | 344 | 386 | 1359 |
| 369 | 345 | 387 | 1255 |
| 370 | 346 | 388 | 1379 |
| 371 | 347 | 389 | 1399 |
| 372 | 348 | 390 | 1263 |
| 373 | 349 | 391 | 1419 |
| 374 | 350 | 392 | 1267 |
| 375 | 351 | 393 | 1439 |
| 376 | 352 | 394 | 1271 |
| 377 | 353 | 395 | 1459 |
| 378 | 354 | 396 | 1275 |
| 379 | 355 | 397 | 1479 |
| 380 | 356 | 398 | 1295 |
| 381 | 357 | 399 | 1199 |
| 382 | 358 | 400 | 1315 |
| 383 | 359 | 401 | 1203 |
| 384 | 360 | 402 | 1335 |
| 385 | 361 | 403 | 1207 |
| 386 | 362 | 404 | 1355 |
| 387 | 363 | 405 | 1211 |
| 388 | 364 | 406 | 1375 |
| 389 | 365 | 407 | 1395 |
| 390 | 366 | 408 | 1219 |
| 391 | 367 | 409 | 1415 |
| 392 | 368 | 410 | 1223 |
| 393 | 369 | 411 | 1435 |
| 394 | 370 | 412 | 1227 |
| 395 | 371 | 413 | 1455 |
| 396 | 372 | 414 | 1231 |
| 397 | 373 | 415 | 1475 |

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| 398 | 374 | 416 | 1239 |
| 399 | 375 | 417 | 1259 |
| 400 | 376 | 418 | 1279 |
| 401 | 377 | 419 | 1195 |
| 402 | 378 | 420 | 1215 |
| 403 | 379 | 421 | 1235 |
| 404 | 380 | 539 | 1300 |
| 405 | 381 | 542 | 1244 |
| 406 | 382 | 544 | 1320 |
| 407 | 383 | 547 | 1248 |
| 408 | 384 | 550 | 1340 |
| 409 | 385 | 552 | 1252 |
| 410 | 386 | 555 | 1360 |
| 411 | 387 | 558 | 1256 |
| 412 | 388 | 560 | 1380 |
| 413 | 389 | 566 | 1400 |
| 414 | 390 | 568 | 1264 |
| 415 | 391 | 571 | 1420 |
| 416 | 392 | 574 | 1268 |
| 417 | 393 | 577 | 1440 |
| 418 | 394 | 580 | 1272 |
| 419 | 395 | 583 | 1460 |
| 420 | 396 | 586 | 1276 |
| 421 | 397 | 589 | 1480 |
| 422 | 398 | 767 | 1296 |
| 423 | 399 | 770 | 1200 |
| 424 | 400 | 772 | 1316 |
| 425 | 401 | 775 | 1204 |
| 426 | 402 | 778 | 1336 |
| 427 | 403 | 780 | 1208 |
| 428 | 404 | 783 | 1356 |
| 429 | 405 | 786 | 1212 |
| 430 | 406 | 788 | 1376 |
| 431 | 407 | 794 | 1396 |
| 432 | 408 | 796 | 1220 |
| 433 | 409 | 799 | 1416 |
| 434 | 410 | 802 | 1224 |
| 435 | 411 | 805 | 1436 |
| 436 | 412 | 808 | 1228 |
| 437 | 413 | 811 | 1456 |
| 438 | 414 | 814 | 1232 |
| 439 | 415 | 817 | 1476 |
| 440 | 416 | 536 | 1240 |
| 441 | 417 | 563 | 1260 |
| 442 | 418 | 592 | 1280 |
| 443 | 419 | 764 | 1196 |
| 444 | 420 | 791 | 1216 |
| 445 | 421 | 820 | 1236 |
| 558 | 536 | 537 | 949 |
| 559 | 537 | 538 | 950 |
| 560 | 538 | 539 | 951 |
| 561 | 539 | 540 | 952 |
| 562 | 540 | 541 | 953 |
| 563 | 541 | 542 | 954 |
| 564 | 542 | 543 | 935 |
| 565 | 543 | 544 | 961 |
| 566 | 544 | 545 | 962 |
| 567 | 545 | 546 | 963 |
| 568 | 546 | 547 | 964 |
| 569 | 547 | 548 | 969 |
| 570 | 548 | 549 | 970 |
| 571 | 549 | 550 | 971 |
| 572 | 550 | 551 | 972 |
| 573 | 551 | 552 | 936 |
| 574 | 552 | 553 | 977 |
| 575 | 553 | 554 | 978 |
| 576 | 554 | 555 | 979 |
| 577 | 555 | 556 | 980 |
| 578 | 556 | 557 | 981 |
| 579 | 557 | 558 | 982 |
| 580 | 558 | 559 | 937 |
| 581 | 559 | 560 | 989 |
| 582 | 560 | 561 | 990 |

| | | | |
|---|---|---|---|
| 583 | 561 | 562 | 991 |
| 584 | 562 | 563 | 992 |
| 585 | 563 | 564 | 997 |
| 586 | 564 | 565 | 998 |
| 587 | 565 | 566 | 999 |
| 588 | 566 | 567 | 1000 |
| 589 | 567 | 568 | 938 |
| 590 | 568 | 569 | 1005 |
| 591 | 569 | 570 | 1006 |
| 592 | 570 | 571 | 1007 |
| 593 | 571 | 572 | 1008 |
| 594 | 572 | 573 | 1009 |
| 595 | 573 | 574 | 1010 |
| 596 | 574 | 575 | 947 |
| 597 | 575 | 576 | 1017 |
| 598 | 576 | 577 | 1018 |
| 599 | 577 | 578 | 1019 |
| 600 | 578 | 579 | 1020 |
| 601 | 579 | 580 | 1021 |
| 602 | 580 | 581 | 1027 |
| 603 | 581 | 582 | 1028 |
| 604 | 582 | 583 | 1029 |
| 605 | 583 | 584 | 1030 |
| 606 | 584 | 585 | 939 |
| 607 | 585 | 586 | 940 |
| 608 | 586 | 587 | 1035 |
| 609 | 587 | 588 | 1036 |
| 610 | 588 | 589 | 1037 |
| 611 | 589 | 590 | 1038 |
| 612 | 590 | 591 | 1039 |
| 613 | 591 | 592 | 1040 |
| 838 | 764 | 765 | 955 |
| 839 | 765 | 766 | 956 |
| 840 | 766 | 767 | 957 |
| 841 | 767 | 768 | 958 |
| 842 | 768 | 769 | 959 |
| 843 | 769 | 770 | 960 |
| 844 | 770 | 771 | 941 |
| 845 | 771 | 772 | 965 |
| 846 | 772 | 773 | 966 |
| 847 | 773 | 774 | 967 |
| 848 | 774 | 775 | 968 |
| 849 | 775 | 776 | 973 |
| 850 | 776 | 777 | 974 |
| 851 | 777 | 778 | 975 |
| 852 | 778 | 779 | 976 |
| 853 | 779 | 780 | 942 |
| 854 | 780 | 781 | 983 |
| 855 | 781 | 782 | 984 |
| 856 | 782 | 783 | 985 |
| 857 | 783 | 784 | 986 |
| 858 | 784 | 785 | 987 |
| 859 | 785 | 786 | 988 |
| 860 | 786 | 787 | 943 |
| 861 | 787 | 788 | 993 |
| 862 | 788 | 789 | 994 |
| 863 | 789 | 790 | 995 |
| 864 | 790 | 791 | 996 |
| 865 | 791 | 792 | 1001 |
| 866 | 792 | 793 | 1002 |
| 867 | 793 | 794 | 1003 |
| 868 | 794 | 795 | 1004 |
| 869 | 795 | 796 | 944 |
| 870 | 796 | 797 | 1011 |
| 871 | 797 | 798 | 1012 |
| 872 | 798 | 799 | 1013 |
| 873 | 799 | 800 | 1014 |
| 874 | 800 | 801 | 1015 |
| 875 | 801 | 802 | 1016 |
| 876 | 802 | 803 | 948 |
| 877 | 803 | 804 | 1022 |
| 878 | 804 | 805 | 1023 |
| 879 | 805 | 806 | 1024 |

| | | | |
|---|---|---|---|
| 880 | 806 | 807 | 1025 |
| 881 | 807 | 808 | 1026 |
| 882 | 808 | 809 | 1031 |
| 883 | 809 | 810 | 1032 |
| 884 | 810 | 811 | 1033 |
| 885 | 811 | 812 | 1034 |
| 886 | 812 | 813 | 945 |
| 887 | 813 | 814 | 946 |
| 888 | 814 | 815 | 1041 |
| 889 | 815 | 816 | 1042 |
| 890 | 816 | 817 | 1043 |
| 891 | 817 | 818 | 1044 |
| 892 | 818 | 819 | 1045 |
| 893 | 819 | 820 | 1046 |

TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST NODE NUMBER = 1500

D E F A U L T S O L V E R C H O S E N

N O D E C O O R D I N A T E S

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|---|---|---|---|
| 1 | 40.0000 | 5.62500 | -8.60000 |
| 2 | 40.0000 | 5.62500 | -8.60000 |
| 3 | 40.0000 | 5.62500 | -6.80000 |
| 4 | 40.0000 | 5.62500 | -5.46667 |
| 5 | 40.0000 | 5.62500 | -4.13333 |
| 6 | 0.000000E+00 | 2.35000 | -2.80000 |
| 7 | 40.0000 | 2.35000 | -2.80000 |
| 8 | 81.0000 | 2.35000 | -2.80000 |
| 9 | 0.000000E+00 | 5.62500 | -2.80000 |
| 10 | 0.000000E+00 | 5.62500 | -2.80000 |
| 11 | 40.0000 | 5.62500 | -2.80000 |
| 12 | 81.0000 | 5.62500 | -2.80000 |
| 13 | 81.0000 | 5.62500 | -2.80000 |
| 14 | 0.000000E+00 | 8.90000 | -2.80000 |
| 15 | 40.0000 | 8.90000 | -2.80000 |
| 16 | 81.0000 | 8.90000 | -2.80000 |
| 17 | 0.000000E+00 | 2.35000 | -2.30000 |
| 18 | 0.000000E+00 | 2.35000 | -2.30000 |
| 19 | 4.00000 | 2.35000 | -2.30000 |
| 20 | 8.00000 | 2.35000 | -2.30000 |
| 21 | 12.0000 | 2.35000 | -2.30000 |
| 22 | 16.0000 | 2.35000 | -2.30000 |
| 23 | 20.0000 | 2.35000 | -2.30000 |
| 24 | 24.0000 | 2.35000 | -2.30000 |
| 25 | 28.0000 | 2.35000 | -2.30000 |
| 26 | 32.0000 | 2.35000 | -2.30000 |
| 27 | 36.0000 | 2.35000 | -2.30000 |
| 28 | 40.0000 | 2.35000 | -2.30000 |
| 29 | 40.0000 | 2.35000 | -2.30000 |
| 30 | 44.0000 | 2.35000 | -2.30000 |
| 31 | 48.0000 | 2.35000 | -2.30000 |
| 32 | 52.2500 | 2.35000 | -2.30000 |
| 33 | 56.5000 | 2.35000 | -2.30000 |
| 34 | 60.7500 | 2.35000 | -2.30000 |
| 35 | 65.0000 | 2.35000 | -2.30000 |
| 36 | 69.0000 | 2.35000 | -2.30000 |
| 37 | 73.0000 | 2.35000 | -2.30000 |
| 38 | 77.0000 | 2.35000 | -2.30000 |
| 39 | 81.0000 | 2.35000 | -2.30000 |
| 40 | 81.0000 | 2.35000 | -2.30000 |

| | | | |
|---|---|---|---|
| 41 | 0.000000E+00 | 8.90000 | -2.30000 |
| 42 | 0.000000E+00 | 8.90000 | -2.30000 |
| 43 | 4.00000 | 8.90000 | -2.30000 |
| 44 | 8.00000 | 8.90000 | -2.30000 |
| 45 | 12.0000 | 8.90000 | -2.30000 |
| 46 | 16.0000 | 8.90000 | -2.30000 |
| 47 | 20.0000 | 8.90000 | -2.30000 |
| 48 | 24.0000 | 8.90000 | -2.30000 |
| 49 | 28.0000 | 8.90000 | -2.30000 |
| 50 | 32.0000 | 8.90000 | -2.30000 |
| 51 | 36.0000 | 8.90000 | -2.30000 |
| 52 | 40.0000 | 8.90000 | -2.30000 |
| 53 | 40.0000 | 8.90000 | -2.30000 |
| 54 | 44.0000 | 8.90000 | -2.30000 |
| 55 | 48.0000 | 8.90000 | -2.30000 |
| 56 | 52.2500 | 8.90000 | -2.30000 |
| 57 | 56.5000 | 8.90000 | -2.30000 |
| 58 | 60.7500 | 8.90000 | -2.30000 |
| 59 | 65.0000 | 8.90000 | -2.30000 |
| 60 | 69.0000 | 8.90000 | -2.30000 |
| 61 | 73.0000 | 8.90000 | -2.30000 |
| 62 | 77.0000 | 8.90000 | -2.30000 |
| 63 | 81.0000 | 8.90000 | -2.30000 |
| 64 | 81.0000 | 8.90000 | -2.30000 |
| 65 | 0.000000E+00 | 2.35000 | -2.02500 |
| 66 | 40.0000 | 2.35000 | -2.02500 |
| 67 | 81.0000 | 2.35000 | -2.02500 |
| 68 | 0.000000E+00 | 8.90000 | -2.02500 |
| 69 | 40.0000 | 8.90000 | -2.02500 |
| 70 | 81.0000 | 8.90000 | -2.02500 |
| 71 | 4.00000 | 2.35000 | -1.89750 |
| 72 | 8.00000 | 2.35000 | -1.89750 |
| 73 | 12.0000 | 2.35000 | -1.89750 |
| 74 | 16.0000 | 2.35000 | -1.89750 |
| 75 | 20.0000 | 2.35000 | -1.89750 |
| 76 | 24.0000 | 2.35000 | -1.89750 |
| 77 | 28.0000 | 2.35000 | -1.89750 |
| 78 | 32.0000 | 2.35000 | -1.89750 |
| 79 | 36.0000 | 2.35000 | -1.89750 |
| 80 | 44.0000 | 2.35000 | -1.89750 |
| 81 | 48.0000 | 2.35000 | -1.89750 |
| 82 | 52.2500 | 2.35000 | -1.89750 |
| 83 | 56.5000 | 2.35000 | -1.89750 |
| 84 | 60.7500 | 2.35000 | -1.89750 |
| 85 | 65.0000 | 2.35000 | -1.89750 |
| 86 | 69.0000 | 2.35000 | -1.89750 |
| 87 | 73.0000 | 2.35000 | -1.89750 |
| 88 | 77.0000 | 2.35000 | -1.89750 |
| 89 | 4.00000 | 8.90000 | -1.89750 |
| 90 | 8.00000 | 8.90000 | -1.89750 |
| 91 | 12.0000 | 8.90000 | -1.89750 |
| 92 | 16.0000 | 8.90000 | -1.89750 |
| 93 | 20.0000 | 8.90000 | -1.89750 |
| 94 | 24.0000 | 8.90000 | -1.89750 |
| 95 | 28.0000 | 8.90000 | -1.89750 |
| 96 | 32.0000 | 8.90000 | -1.89750 |
| 97 | 36.0000 | 8.90000 | -1.89750 |
| 98 | 44.0000 | 8.90000 | -1.89750 |
| 99 | 48.0000 | 8.90000 | -1.89750 |
| 100 | 52.2500 | 8.90000 | -1.89750 |
| 101 | 56.5000 | 8.90000 | -1.89750 |
| 102 | 60.7500 | 8.90000 | -1.89750 |
| 103 | 65.0000 | 8.90000 | -1.89750 |
| 104 | 69.0000 | 8.90000 | -1.89750 |
| 105 | 73.0000 | 8.90000 | -1.89750 |
| 106 | 77.0000 | 8.90000 | -1.89750 |
| 107 | 0.000000E+00 | 2.35000 | -1.75000 |
| 108 | 40.0000 | 2.35000 | -1.75000 |
| 109 | 81.0000 | 2.35000 | -1.75000 |
| 110 | 0.000000E+00 | 8.90000 | -1.75000 |
| 111 | 40.0000 | 8.90000 | -1.75000 |
| 112 | 81.0000 | 8.90000 | -1.75000 |
| 113 | 4.00000 | 2.35000 | -1.49500 |

| | | | |
|---|---|---|---|
| 114 | 8.00000 | 2.35000 | -1.49500 |
| 115 | 12.0000 | 2.35000 | -1.49500 |
| 116 | 16.0000 | 2.35000 | -1.49500 |
| 117 | 20.0000 | 2.35000 | -1.49500 |
| 118 | 24.0000 | 2.35000 | -1.49500 |
| 119 | 28.0000 | 2.35000 | -1.49500 |
| 120 | 32.0000 | 2.35000 | -1.49500 |
| 121 | 36.0000 | 2.35000 | -1.49500 |
| 122 | 44.0000 | 2.35000 | -1.49500 |
| 123 | 48.0000 | 2.35000 | -1.49500 |
| 124 | 52.2500 | 2.35000 | -1.49500 |
| 125 | 56.5000 | 2.35000 | -1.49500 |
| 126 | 60.7500 | 2.35000 | -1.49500 |
| 127 | 65.0000 | 2.35000 | -1.49500 |
| 128 | 69.0000 | 2.35000 | -1.49500 |
| 129 | 73.0000 | 2.35000 | -1.49500 |
| 130 | 77.0000 | 2.35000 | -1.49500 |
| 131 | 4.00000 | 8.90000 | -1.49500 |
| 132 | 8.00000 | 8.90000 | -1.49500 |
| 133 | 12.0000 | 8.90000 | -1.49500 |
| 134 | 16.0000 | 8.90000 | -1.49500 |
| 135 | 20.0000 | 8.90000 | -1.49500 |
| 136 | 24.0000 | 8.90000 | -1.49500 |
| 137 | 28.0000 | 8.90000 | -1.49500 |
| 138 | 32.0000 | 8.90000 | -1.49500 |
| 139 | 36.0000 | 8.90000 | -1.49500 |
| 140 | 44.0000 | 8.90000 | -1.49500 |
| 141 | 48.0000 | 8.90000 | -1.49500 |
| 142 | 52.2500 | 8.90000 | -1.49500 |
| 143 | 56.5000 | 8.90000 | -1.49500 |
| 144 | 60.7500 | 8.90000 | -1.49500 |
| 145 | 65.0000 | 8.90000 | -1.49500 |
| 146 | 69.0000 | 8.90000 | -1.49500 |
| 147 | 73.0000 | 8.90000 | -1.49500 |
| 148 | 77.0000 | 8.90000 | -1.49500 |
| 149 | 0.000000E+00 | 2.35000 | -1.42500 |
| 150 | 40.0000 | 2.35000 | -1.42500 |
| 151 | 81.0000 | 2.35000 | -1.42500 |
| 152 | 0.000000E+00 | 8.90000 | -1.42500 |
| 153 | 40.0000 | 8.90000 | -1.42500 |
| 154 | 81.0000 | 8.90000 | -1.42500 |
| 155 | 4.00000 | 2.35000 | -1.29750 |
| 156 | 8.00000 | 2.35000 | -1.29750 |
| 157 | 12.0000 | 2.35000 | -1.29750 |
| 158 | 16.0000 | 2.35000 | -1.29750 |
| 159 | 20.0000 | 2.35000 | -1.29750 |
| 160 | 24.0000 | 2.35000 | -1.29750 |
| 161 | 28.0000 | 2.35000 | -1.29750 |
| 162 | 32.0000 | 2.35000 | -1.29750 |
| 163 | 36.0000 | 2.35000 | -1.29750 |
| 164 | 44.0000 | 2.35000 | -1.29750 |
| 165 | 48.0000 | 2.35000 | -1.29750 |
| 166 | 52.2500 | 2.35000 | -1.29750 |
| 167 | 56.5000 | 2.35000 | -1.29750 |
| 168 | 60.7500 | 2.35000 | -1.29750 |
| 169 | 65.0000 | 2.35000 | -1.29750 |
| 170 | 69.0000 | 2.35000 | -1.29750 |
| 171 | 73.0000 | 2.35000 | -1.29750 |
| 172 | 77.0000 | 2.35000 | -1.29750 |
| 173 | 4.00000 | 8.90000 | -1.29750 |
| 174 | 8.00000 | 8.90000 | -1.29750 |
| 175 | 12.0000 | 8.90000 | -1.29750 |
| 176 | 16.0000 | 8.90000 | -1.29750 |
| 177 | 20.0000 | 8.90000 | -1.29750 |
| 178 | 24.0000 | 8.90000 | -1.29750 |
| 179 | 28.0000 | 8.90000 | -1.29750 |
| 180 | 32.0000 | 8.90000 | -1.29750 |
| 181 | 36.0000 | 8.90000 | -1.29750 |
| 182 | 44.0000 | 8.90000 | -1.29750 |
| 183 | 48.0000 | 8.90000 | -1.29750 |
| 184 | 52.2500 | 8.90000 | -1.29750 |
| 185 | 56.5000 | 8.90000 | -1.29750 |
| 186 | 60.7500 | 8.90000 | -1.29750 |

| | | | |
|---|---|---|---|
| 187 | 65.0000 | 8.90000 | -1.29750 |
| 188 | 69.0000 | 8.90000 | -1.29750 |
| 189 | 73.0000 | 8.90000 | -1.29750 |
| 190 | 77.0000 | 8.90000 | -1.29750 |
| 191 | 0.000000E+00 | 2.35000 | -1.10000 |
| 192 | 4.00000 | 2.35000 | -1.10000 |
| 193 | 8.00000 | 2.35000 | -1.10000 |
| 194 | 12.0000 | 2.35000 | -1.10000 |
| 195 | 16.0000 | 2.35000 | -1.10000 |
| 196 | 20.0000 | 2.35000 | -1.10000 |
| 197 | 24.0000 | 2.35000 | -1.10000 |
| 198 | 28.0000 | 2.35000 | -1.10000 |
| 199 | 32.0000 | 2.35000 | -1.10000 |
| 200 | 36.0000 | 2.35000 | -1.10000 |
| 201 | 40.0000 | 2.35000 | -1.10000 |
| 202 | 44.0000 | 2.35000 | -1.10000 |
| 203 | 48.0000 | 2.35000 | -1.10000 |
| 204 | 52.2500 | 2.35000 | -1.10000 |
| 205 | 56.5000 | 2.35000 | -1.10000 |
| 206 | 60.7500 | 2.35000 | -1.10000 |
| 207 | 65.0000 | 2.35000 | -1.10000 |
| 208 | 69.0000 | 2.35000 | -1.10000 |
| 209 | 73.0000 | 2.35000 | -1.10000 |
| 210 | 77.0000 | 2.35000 | -1.10000 |
| 211 | 81.0000 | 2.35000 | -1.10000 |
| 212 | 0.000000E+00 | 3.98750 | -1.10000 |
| 213 | 4.00000 | 3.98750 | -1.10000 |
| 214 | 8.00000 | 3.98750 | -1.10000 |
| 215 | 12.0000 | 3.98750 | -1.10000 |
| 216 | 16.0000 | 3.98750 | -1.10000 |
| 217 | 20.0000 | 3.98750 | -1.10000 |
| 218 | 24.0000 | 3.98750 | -1.10000 |
| 219 | 28.0000 | 3.98750 | -1.10000 |
| 220 | 32.0000 | 3.98750 | -1.10000 |
| 221 | 36.0000 | 3.98750 | -1.10000 |
| 222 | 40.0000 | 3.98750 | -1.10000 |
| 223 | 44.0000 | 3.98750 | -1.10000 |
| 224 | 48.0000 | 3.98750 | -1.10000 |
| 225 | 52.2500 | 3.98750 | -1.10000 |
| 226 | 56.5000 | 3.98750 | -1.10000 |
| 227 | 60.7500 | 3.98750 | -1.10000 |
| 228 | 65.0000 | 3.98750 | -1.10000 |
| 229 | 69.0000 | 3.98750 | -1.10000 |
| 230 | 73.0000 | 3.98750 | -1.10000 |
| 231 | 77.0000 | 3.98750 | -1.10000 |
| 232 | 81.0000 | 3.98750 | -1.10000 |
| 233 | 0.000000E+00 | 5.62500 | -1.10000 |
| 234 | 4.00000 | 5.62500 | -1.10000 |
| 235 | 8.00000 | 5.62500 | -1.10000 |
| 236 | 12.0000 | 5.62500 | -1.10000 |
| 237 | 16.0000 | 5.62500 | -1.10000 |
| 238 | 20.0000 | 5.62500 | -1.10000 |
| 239 | 24.0000 | 5.62500 | -1.10000 |
| 240 | 28.0000 | 5.62500 | -1.10000 |
| 241 | 32.0000 | 5.62500 | -1.10000 |
| 242 | 36.0000 | 5.62500 | -1.10000 |
| 243 | 40.0000 | 5.62500 | -1.10000 |
| 244 | 44.0000 | 5.62500 | -1.10000 |
| 245 | 48.0000 | 5.62500 | -1.10000 |
| 246 | 52.2500 | 5.62500 | -1.10000 |
| 247 | 56.5000 | 5.62500 | -1.10000 |
| 248 | 60.7500 | 5.62500 | -1.10000 |
| 249 | 65.0000 | 5.62500 | -1.10000 |
| 250 | 69.0000 | 5.62500 | -1.10000 |
| 251 | 73.0000 | 5.62500 | -1.10000 |
| 252 | 77.0000 | 5.62500 | -1.10000 |
| 253 | 81.0000 | 5.62500 | -1.10000 |
| 254 | 0.000000E+00 | 7.26250 | -1.10000 |
| 255 | 4.00000 | 7.26250 | -1.10000 |
| 256 | 8.00000 | 7.26250 | -1.10000 |
| 257 | 12.0000 | 7.26250 | -1.10000 |
| 258 | 16.0000 | 7.26250 | -1.10000 |
| 259 | 20.0000 | 7.26250 | -1.10000 |

| | | | |
|---|---|---|---|
| 260 | 24.0000 | 7.26250 | -1.10000 |
| 261 | 28.0000 | 7.26250 | -1.10000 |
| 262 | 32.0000 | 7.26250 | -1.10000 |
| 263 | 36.0000 | 7.26250 | -1.10000 |
| 264 | 40.0000 | 7.26250 | -1.10000 |
| 265 | 44.0000 | 7.26250 | -1.10000 |
| 266 | 48.0000 | 7.26250 | -1.10000 |
| 267 | 52.2500 | 7.26250 | -1.10000 |
| 268 | 56.5000 | 7.26250 | -1.10000 |
| 269 | 60.7500 | 7.26250 | -1.10000 |
| 270 | 65.0000 | 7.26250 | -1.10000 |
| 271 | 69.0000 | 7.26250 | -1.10000 |
| 272 | 73.0000 | 7.26250 | -1.10000 |
| 273 | 77.0000 | 7.26250 | -1.10000 |
| 274 | 81.0000 | 7.26250 | -1.10000 |
| 275 | 0.000000E+00 | 8.90000 | -1.10000 |
| 276 | 4.00000 | 8.90000 | -1.10000 |
| 277 | 8.00000 | 8.90000 | -1.10000 |
| 278 | 12.0000 | 8.90000 | -1.10000 |
| 279 | 16.0000 | 8.90000 | -1.10000 |
| 280 | 20.0000 | 8.90000 | -1.10000 |
| 281 | 24.0000 | 8.90000 | -1.10000 |
| 282 | 28.0000 | 8.90000 | -1.10000 |
| 283 | 32.0000 | 8.90000 | -1.10000 |
| 284 | 36.0000 | 8.90000 | -1.10000 |
| 285 | 40.0000 | 8.90000 | -1.10000 |
| 286 | 44.0000 | 8.90000 | -1.10000 |
| 287 | 48.0000 | 8.90000 | -1.10000 |
| 288 | 52.2500 | 8.90000 | -1.10000 |
| 289 | 56.5000 | 8.90000 | -1.10000 |
| 290 | 60.7500 | 8.90000 | -1.10000 |
| 291 | 65.0000 | 8.90000 | -1.10000 |
| 292 | 69.0000 | 8.90000 | -1.10000 |
| 293 | 73.0000 | 8.90000 | -1.10000 |
| 294 | 77.0000 | 8.90000 | -1.10000 |
| 295 | 81.0000 | 8.90000 | -1.10000 |
| 296 | 4.00000 | 2.35000 | -0.902500 |
| 297 | 8.00000 | 2.35000 | -0.902500 |
| 298 | 12.0000 | 2.35000 | -0.902500 |
| 299 | 16.0000 | 2.35000 | -0.902500 |
| 300 | 20.0000 | 2.35000 | -0.902500 |
| 301 | 24.0000 | 2.35000 | -0.902500 |
| 302 | 28.0000 | 2.35000 | -0.902500 |
| 303 | 32.0000 | 2.35000 | -0.902500 |
| 304 | 36.0000 | 2.35000 | -0.902500 |
| 305 | 44.0000 | 2.35000 | -0.902500 |
| 306 | 48.0000 | 2.35000 | -0.902500 |
| 307 | 52.2500 | 2.35000 | -0.902500 |
| 308 | 56.5000 | 2.35000 | -0.902500 |
| 309 | 60.7500 | 2.35000 | -0.902500 |
| 310 | 65.0000 | 2.35000 | -0.902500 |
| 311 | 69.0000 | 2.35000 | -0.902500 |
| 312 | 73.0000 | 2.35000 | -0.902500 |
| 313 | 77.0000 | 2.35000 | -0.902500 |
| 314 | 4.00000 | 8.90000 | -0.902500 |
| 315 | 8.00000 | 8.90000 | -0.902500 |
| 316 | 12.0000 | 8.90000 | -0.902500 |
| 317 | 16.0000 | 8.90000 | -0.902500 |
| 318 | 20.0000 | 8.90000 | -0.902500 |
| 319 | 24.0000 | 8.90000 | -0.902500 |
| 320 | 28.0000 | 8.90000 | -0.902500 |
| 321 | 32.0000 | 8.90000 | -0.902500 |
| 322 | 36.0000 | 8.90000 | -0.902500 |
| 323 | 44.0000 | 8.90000 | -0.902500 |
| 324 | 48.0000 | 8.90000 | -0.902500 |
| 325 | 52.2500 | 8.90000 | -0.902500 |
| 326 | 56.5000 | 8.90000 | -0.902500 |
| 327 | 60.7500 | 8.90000 | -0.902500 |
| 328 | 65.0000 | 8.90000 | -0.902500 |
| 329 | 69.0000 | 8.90000 | -0.902500 |
| 330 | 73.0000 | 8.90000 | -0.902500 |
| 331 | 77.0000 | 8.90000 | -0.902500 |
| 332 | 0.000000E+00 | 2.35000 | -0.775000 |

| | | | |
|---|---|---|---|
| 333 | 40.0000 | 2.35000 | -0.775000 |
| 334 | 81.0000 | 2.35000 | -0.775000 |
| 335 | 0.000000E+00 | 8.90000 | -0.775000 |
| 336 | 40.0000 | 8.90000 | -0.775000 |
| 337 | 81.0000 | 8.90000 | -0.775000 |
| 338 | 4.00000 | 2.35000 | -0.705000 |
| 339 | 8.00000 | 2.35000 | -0.705000 |
| 340 | 12.0000 | 2.35000 | -0.705000 |
| 341 | 16.0000 | 2.35000 | -0.705000 |
| 342 | 20.0000 | 2.35000 | -0.705000 |
| 343 | 24.0000 | 2.35000 | -0.705000 |
| 344 | 28.0000 | 2.35000 | -0.705000 |
| 345 | 32.0000 | 2.35000 | -0.705000 |
| 346 | 36.0000 | 2.35000 | -0.705000 |
| 347 | 44.0000 | 2.35000 | -0.705000 |
| 348 | 48.0000 | 2.35000 | -0.705000 |
| 349 | 52.2500 | 2.35000 | -0.705000 |
| 350 | 56.5000 | 2.35000 | -0.705000 |
| 351 | 60.7500 | 2.35000 | -0.705000 |
| 352 | 65.0000 | 2.35000 | -0.705000 |
| 353 | 69.0000 | 2.35000 | -0.705000 |
| 354 | 73.0000 | 2.35000 | -0.705000 |
| 355 | 77.0000 | 2.35000 | -0.705000 |
| 356 | 4.00000 | 8.90000 | -0.705000 |
| 357 | 8.00000 | 8.90000 | -0.705000 |
| 358 | 12.0000 | 8.90000 | -0.705000 |
| 359 | 16.0000 | 8.90000 | -0.705000 |
| 360 | 20.0000 | 8.90000 | -0.705000 |
| 361 | 24.0000 | 8.90000 | -0.705000 |
| 362 | 28.0000 | 8.90000 | -0.705000 |
| 363 | 32.0000 | 8.90000 | -0.705000 |
| 364 | 36.0000 | 8.90000 | -0.705000 |
| 365 | 44.0000 | 8.90000 | -0.705000 |
| 366 | 48.0000 | 8.90000 | -0.705000 |
| 367 | 52.2500 | 8.90000 | -0.705000 |
| 368 | 56.5000 | 8.90000 | -0.705000 |
| 369 | 60.7500 | 8.90000 | -0.705000 |
| 370 | 65.0000 | 8.90000 | -0.705000 |
| 371 | 69.0000 | 8.90000 | -0.705000 |
| 372 | 73.0000 | 8.90000 | -0.705000 |
| 373 | 77.0000 | 8.90000 | -0.705000 |
| 374 | 0.000000E+00 | 2.35000 | -0.450000 |
| 375 | 40.0000 | 2.35000 | -0.450000 |
| 376 | 81.0000 | 2.35000 | -0.450000 |
| 377 | 0.000000E+00 | 8.90000 | -0.450000 |
| 378 | 40.0000 | 8.90000 | -0.450000 |
| 379 | 81.0000 | 8.90000 | -0.450000 |
| 380 | 4.00000 | 2.35000 | -0.352500 |
| 381 | 8.00000 | 2.35000 | -0.352500 |
| 382 | 12.0000 | 2.35000 | -0.352500 |
| 383 | 16.0000 | 2.35000 | -0.352500 |
| 384 | 20.0000 | 2.35000 | -0.352500 |
| 385 | 24.0000 | 2.35000 | -0.352500 |
| 386 | 28.0000 | 2.35000 | -0.352500 |
| 387 | 32.0000 | 2.35000 | -0.352500 |
| 388 | 36.0000 | 2.35000 | -0.352500 |
| 389 | 44.0000 | 2.35000 | -0.352500 |
| 390 | 48.0000 | 2.35000 | -0.352500 |
| 391 | 52.2500 | 2.35000 | -0.352500 |
| 392 | 56.5000 | 2.35000 | -0.352500 |
| 393 | 60.7500 | 2.35000 | -0.352500 |
| 394 | 65.0000 | 2.35000 | -0.352500 |
| 395 | 69.0000 | 2.35000 | -0.352500 |
| 396 | 73.0000 | 2.35000 | -0.352500 |
| 397 | 77.0000 | 2.35000 | -0.352500 |
| 398 | 4.00000 | 8.90000 | -0.352500 |
| 399 | 8.00000 | 8.90000 | -0.352500 |
| 400 | 12.0000 | 8.90000 | -0.352500 |
| 401 | 16.0000 | 8.90000 | -0.352500 |
| 402 | 20.0000 | 8.90000 | -0.352500 |
| 403 | 24.0000 | 8.90000 | -0.352500 |
| 404 | 28.0000 | 8.90000 | -0.352500 |
| 405 | 32.0000 | 8.90000 | -0.352500 |

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|---|---|---|---|
| 406 | 36.0000 | 8.90000 | -0.352500 |
| 407 | 44.0000 | 8.90000 | -0.352500 |
| 408 | 48.0000 | 8.90000 | -0.352500 |
| 409 | 52.2500 | 8.90000 | -0.352500 |
| 410 | 56.5000 | 8.90000 | -0.352500 |
| 411 | 60.7500 | 8.90000 | -0.352500 |
| 412 | 65.0000 | 8.90000 | -0.352500 |
| 413 | 69.0000 | 8.90000 | -0.352500 |
| 414 | 73.0000 | 8.90000 | -0.352500 |
| 415 | 77.0000 | 8.90000 | -0.352500 |
| 416 | 0.000000E+00 | 2.35000 | -0.225000 |
| 417 | 40.0000 | 2.35000 | -0.225000 |
| 418 | 81.0000 | 2.35000 | -0.225000 |
| 419 | 0.000000E+00 | 8.90000 | -0.225000 |
| 420 | 40.0000 | 8.90000 | -0.225000 |
| 421 | 81.0000 | 8.90000 | -0.225000 |
| 422 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 423 | 1.33333 | 0.000000E+00 | 0.000000E+00 |
| 424 | 2.66667 | 0.000000E+00 | 0.000000E+00 |
| 425 | 4.00000 | 0.000000E+00 | 0.000000E+00 |
| 426 | 5.33333 | 0.000000E+00 | 0.000000E+00 |
| 427 | 6.66667 | 0.000000E+00 | 0.000000E+00 |
| 428 | 8.00000 | 0.000000E+00 | 0.000000E+00 |
| 429 | 10.0000 | 0.000000E+00 | 0.000000E+00 |
| 430 | 12.0000 | 0.000000E+00 | 0.000000E+00 |
| 431 | 13.3333 | 0.000000E+00 | 0.000000E+00 |
| 432 | 14.6667 | 0.000000E+00 | 0.000000E+00 |
| 433 | 16.0000 | 0.000000E+00 | 0.000000E+00 |
| 434 | 17.3333 | 0.000000E+00 | 0.000000E+00 |
| 435 | 18.6667 | 0.000000E+00 | 0.000000E+00 |
| 436 | 20.0000 | 0.000000E+00 | 0.000000E+00 |
| 437 | 22.0000 | 0.000000E+00 | 0.000000E+00 |
| 438 | 24.0000 | 0.000000E+00 | 0.000000E+00 |
| 439 | 25.3333 | 0.000000E+00 | 0.000000E+00 |
| 440 | 26.6667 | 0.000000E+00 | 0.000000E+00 |
| 441 | 28.0000 | 0.000000E+00 | 0.000000E+00 |
| 442 | 29.3333 | 0.000000E+00 | 0.000000E+00 |
| 443 | 30.6667 | 0.000000E+00 | 0.000000E+00 |
| 444 | 32.0000 | 0.000000E+00 | 0.000000E+00 |
| 445 | 34.0000 | 0.000000E+00 | 0.000000E+00 |
| 446 | 36.0000 | 0.000000E+00 | 0.000000E+00 |
| 447 | 37.3333 | 0.000000E+00 | 0.000000E+00 |
| 448 | 38.6667 | 0.000000E+00 | 0.000000E+00 |
| 449 | 40.0000 | 0.000000E+00 | 0.000000E+00 |
| 450 | 41.3333 | 0.000000E+00 | 0.000000E+00 |
| 451 | 42.6667 | 0.000000E+00 | 0.000000E+00 |
| 452 | 44.0000 | 0.000000E+00 | 0.000000E+00 |
| 453 | 46.0000 | 0.000000E+00 | 0.000000E+00 |
| 454 | 48.0000 | 0.000000E+00 | 0.000000E+00 |
| 455 | 49.4167 | 0.000000E+00 | 0.000000E+00 |
| 456 | 50.8333 | 0.000000E+00 | 0.000000E+00 |
| 457 | 52.2500 | 0.000000E+00 | 0.000000E+00 |
| 458 | 53.6667 | 0.000000E+00 | 0.000000E+00 |
| 459 | 55.0833 | 0.000000E+00 | 0.000000E+00 |
| 460 | 56.5000 | 0.000000E+00 | 0.000000E+00 |
| 461 | 58.0000 | 0.000000E+00 | 0.000000E+00 |
| 462 | 59.3750 | 0.000000E+00 | 0.000000E+00 |
| 463 | 60.7500 | 0.000000E+00 | 0.000000E+00 |
| 464 | 62.1667 | 0.000000E+00 | 0.000000E+00 |
| 465 | 63.5833 | 0.000000E+00 | 0.000000E+00 |
| 466 | 65.0000 | 0.000000E+00 | 0.000000E+00 |
| 467 | 66.3333 | 0.000000E+00 | 0.000000E+00 |
| 468 | 67.6667 | 0.000000E+00 | 0.000000E+00 |
| 469 | 69.0000 | 0.000000E+00 | 0.000000E+00 |
| 470 | 70.0000 | 0.000000E+00 | 0.000000E+00 |
| 471 | 71.5000 | 0.000000E+00 | 0.000000E+00 |
| 472 | 73.0000 | 0.000000E+00 | 0.000000E+00 |
| 473 | 74.3333 | 0.000000E+00 | 0.000000E+00 |
| 474 | 75.6667 | 0.000000E+00 | 0.000000E+00 |
| 475 | 77.0000 | 0.000000E+00 | 0.000000E+00 |
| 476 | 78.3333 | 0.000000E+00 | 0.000000E+00 |
| 477 | 79.6667 | 0.000000E+00 | 0.000000E+00 |
| 478 | 81.0000 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 479 | 0.000000E+00 | 0.750000 | 0.000000E+00 |
| 480 | 1.33333 | 0.750000 | 0.000000E+00 |
| 481 | 2.66667 | 0.750000 | 0.000000E+00 |
| 482 | 4.00000 | 0.750000 | 0.000000E+00 |
| 483 | 5.33333 | 0.750000 | 0.000000E+00 |
| 484 | 6.66667 | 0.750000 | 0.000000E+00 |
| 485 | 8.00000 | 0.750000 | 0.000000E+00 |
| 486 | 10.0000 | 0.750000 | 0.000000E+00 |
| 487 | 12.0000 | 0.750000 | 0.000000E+00 |
| 488 | 13.3333 | 0.750000 | 0.000000E+00 |
| 489 | 14.6667 | 0.750000 | 0.000000E+00 |
| 490 | 16.0000 | 0.750000 | 0.000000E+00 |
| 491 | 17.3333 | 0.750000 | 0.000000E+00 |
| 492 | 18.6667 | 0.750000 | 0.000000E+00 |
| 493 | 20.0000 | 0.750000 | 0.000000E+00 |
| 494 | 22.0000 | 0.750000 | 0.000000E+00 |
| 495 | 24.0000 | 0.750000 | 0.000000E+00 |
| 496 | 25.3333 | 0.750000 | 0.000000E+00 |
| 497 | 26.6667 | 0.750000 | 0.000000E+00 |
| 498 | 28.0000 | 0.750000 | 0.000000E+00 |
| 499 | 29.3333 | 0.750000 | 0.000000E+00 |
| 500 | 30.6667 | 0.750000 | 0.000000E+00 |
| 501 | 32.0000 | 0.750000 | 0.000000E+00 |
| 502 | 34.0000 | 0.750000 | 0.000000E+00 |
| 503 | 36.0000 | 0.750000 | 0.000000E+00 |
| 504 | 37.3333 | 0.750000 | 0.000000E+00 |
| 505 | 38.6667 | 0.750000 | 0.000000E+00 |
| 506 | 40.0000 | 0.750000 | 0.000000E+00 |
| 507 | 41.3333 | 0.750000 | 0.000000E+00 |
| 508 | 42.6667 | 0.750000 | 0.000000E+00 |
| 509 | 44.0000 | 0.750000 | 0.000000E+00 |
| 510 | 46.0000 | 0.750000 | 0.000000E+00 |
| 511 | 48.0000 | 0.750000 | 0.000000E+00 |
| 512 | 49.4167 | 0.750000 | 0.000000E+00 |
| 513 | 50.8333 | 0.750000 | 0.000000E+00 |
| 514 | 52.2500 | 0.750000 | 0.000000E+00 |
| 515 | 53.6667 | 0.750000 | 0.000000E+00 |
| 516 | 55.0833 | 0.750000 | 0.000000E+00 |
| 517 | 56.5000 | 0.750000 | 0.000000E+00 |
| 518 | 58.0000 | 0.750000 | 0.000000E+00 |
| 519 | 59.3750 | 0.750000 | 0.000000E+00 |
| 520 | 60.7500 | 0.750000 | 0.000000E+00 |
| 521 | 62.1667 | 0.750000 | 0.000000E+00 |
| 522 | 63.5833 | 0.750000 | 0.000000E+00 |
| 523 | 65.0000 | 0.750000 | 0.000000E+00 |
| 524 | 66.3333 | 0.750000 | 0.000000E+00 |
| 525 | 67.6667 | 0.750000 | 0.000000E+00 |
| 526 | 69.0000 | 0.750000 | 0.000000E+00 |
| 527 | 70.0000 | 0.750000 | 0.000000E+00 |
| 528 | 71.5000 | 0.750000 | 0.000000E+00 |
| 529 | 73.0000 | 0.750000 | 0.000000E+00 |
| 530 | 74.3333 | 0.750000 | 0.000000E+00 |
| 531 | 75.6667 | 0.750000 | 0.000000E+00 |
| 532 | 77.0000 | 0.750000 | 0.000000E+00 |
| 533 | 78.3333 | 0.750000 | 0.000000E+00 |
| 534 | 79.6667 | 0.750000 | 0.000000E+00 |
| 535 | 81.0000 | 0.750000 | 0.000000E+00 |
| 536 | 0.000000E+00 | 2.35000 | 0.000000E+00 |
| 537 | 1.33333 | 2.35000 | 0.000000E+00 |
| 538 | 2.66667 | 2.35000 | 0.000000E+00 |
| 539 | 4.00000 | 2.35000 | 0.000000E+00 |
| 540 | 5.33333 | 2.35000 | 0.000000E+00 |
| 541 | 6.66667 | 2.35000 | 0.000000E+00 |
| 542 | 8.00000 | 2.35000 | 0.000000E+00 |
| 543 | 10.0000 | 2.35000 | 0.000000E+00 |
| 544 | 12.0000 | 2.35000 | 0.000000E+00 |
| 545 | 13.3333 | 2.35000 | 0.000000E+00 |
| 546 | 14.6667 | 2.35000 | 0.000000E+00 |
| 547 | 16.0000 | 2.35000 | 0.000000E+00 |
| 548 | 17.3333 | 2.35000 | 0.000000E+00 |
| 549 | 18.6667 | 2.35000 | 0.000000E+00 |
| 550 | 20.0000 | 2.35000 | 0.000000E+00 |
| 551 | 22.0000 | 2.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 552 | 24.0000 | 2.35000 | 0.000000E+00 |
| 553 | 25.3333 | 2.35000 | 0.000000E+00 |
| 554 | 26.6667 | 2.35000 | 0.000000E+00 |
| 555 | 28.0000 | 2.35000 | 0.000000E+00 |
| 556 | 29.3333 | 2.35000 | 0.000000E+00 |
| 557 | 30.6667 | 2.35000 | 0.000000E+00 |
| 558 | 32.0000 | 2.35000 | 0.000000E+00 |
| 559 | 34.0000 | 2.35000 | 0.000000E+00 |
| 560 | 36.0000 | 2.35000 | 0.000000E+00 |
| 561 | 37.3333 | 2.35000 | 0.000000E+00 |
| 562 | 38.6667 | 2.35000 | 0.000000E+00 |
| 563 | 40.0000 | 2.35000 | 0.000000E+00 |
| 564 | 41.3333 | 2.35000 | 0.000000E+00 |
| 565 | 42.6667 | 2.35000 | 0.000000E+00 |
| 566 | 44.0000 | 2.35000 | 0.000000E+00 |
| 567 | 46.0000 | 2.35000 | 0.000000E+00 |
| 568 | 48.0000 | 2.35000 | 0.000000E+00 |
| 569 | 49.4167 | 2.35000 | 0.000000E+00 |
| 570 | 50.8333 | 2.35000 | 0.000000E+00 |
| 571 | 52.2500 | 2.35000 | 0.000000E+00 |
| 572 | 53.6667 | 2.35000 | 0.000000E+00 |
| 573 | 55.0833 | 2.35000 | 0.000000E+00 |
| 574 | 56.5000 | 2.35000 | 0.000000E+00 |
| 575 | 58.0000 | 2.35000 | 0.000000E+00 |
| 576 | 59.3750 | 2.35000 | 0.000000E+00 |
| 577 | 60.7500 | 2.35000 | 0.000000E+00 |
| 578 | 62.1667 | 2.35000 | 0.000000E+00 |
| 579 | 63.5833 | 2.35000 | 0.000000E+00 |
| 580 | 65.0000 | 2.35000 | 0.000000E+00 |
| 581 | 66.3333 | 2.35000 | 0.000000E+00 |
| 582 | 67.6667 | 2.35000 | 0.000000E+00 |
| 583 | 69.0000 | 2.35000 | 0.000000E+00 |
| 584 | 70.0000 | 2.35000 | 0.000000E+00 |
| 585 | 71.5000 | 2.35000 | 0.000000E+00 |
| 586 | 73.0000 | 2.35000 | 0.000000E+00 |
| 587 | 74.3333 | 2.35000 | 0.000000E+00 |
| 588 | 75.6667 | 2.35000 | 0.000000E+00 |
| 589 | 77.0000 | 2.35000 | 0.000000E+00 |
| 590 | 78.3333 | 2.35000 | 0.000000E+00 |
| 591 | 79.6667 | 2.35000 | 0.000000E+00 |
| 592 | 81.0000 | 2.35000 | 0.000000E+00 |
| 593 | 0.000000E+00 | 3.98750 | 0.000000E+00 |
| 594 | 1.33333 | 3.98750 | 0.000000E+00 |
| 595 | 2.66667 | 3.98750 | 0.000000E+00 |
| 596 | 4.00000 | 3.98750 | -0.111022E-15 |
| 597 | 5.33333 | 3.98750 | 0.000000E+00 |
| 598 | 6.66667 | 3.98750 | 0.000000E+00 |
| 599 | 8.00000 | 3.98750 | 0.000000E+00 |
| 600 | 10.0000 | 3.98750 | 0.000000E+00 |
| 601 | 12.0000 | 3.98750 | 0.000000E+00 |
| 602 | 13.3333 | 3.98750 | 0.000000E+00 |
| 603 | 14.6667 | 3.98750 | 0.000000E+00 |
| 604 | 16.0000 | 3.98750 | 0.000000E+00 |
| 605 | 17.3333 | 3.98750 | -0.357931E-15 |
| 606 | 18.6667 | 3.98750 | -0.930621E-15 |
| 607 | 20.0000 | 3.98750 | -0.644276E-14 |
| 608 | 22.0000 | 3.98750 | 0.000000E+00 |
| 609 | 24.0000 | 3.98750 | 0.000000E+00 |
| 610 | 25.3333 | 3.98750 | 0.000000E+00 |
| 611 | 26.6667 | 3.98750 | 0.000000E+00 |
| 612 | 28.0000 | 3.98750 | 0.277556E-16 |
| 613 | 29.3333 | 3.98750 | 0.000000E+00 |
| 614 | 30.6667 | 3.98750 | 0.000000E+00 |
| 615 | 32.0000 | 3.98750 | 0.000000E+00 |
| 616 | 34.0000 | 3.98750 | 0.000000E+00 |
| 617 | 36.0000 | 3.98750 | 0.000000E+00 |
| 618 | 37.3333 | 3.98750 | 0.000000E+00 |
| 619 | 38.6667 | 3.98750 | 0.000000E+00 |
| 620 | 40.0000 | 3.98750 | 0.000000E+00 |
| 621 | 41.3333 | 3.98750 | 0.000000E+00 |
| 622 | 42.6667 | 3.98750 | 0.000000E+00 |
| 623 | 44.0000 | 3.98750 | 0.000000E+00 |
| 624 | 46.0000 | 3.98750 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 625 | 48.0000 | 3.98750 | 0.000000E+00 |
| 626 | 49.4167 | 3.98750 | 0.000000E+00 |
| 627 | 50.8333 | 3.98750 | 0.000000E+00 |
| 628 | 52.2500 | 3.98750 | -0.154043E-13 |
| 629 | 53.6667 | 3.98750 | 0.000000E+00 |
| 630 | 55.0833 | 3.98750 | 0.000000E+00 |
| 631 | 56.5000 | 3.98750 | -0.147105E-14 |
| 632 | 58.0000 | 3.98750 | 0.000000E+00 |
| 633 | 59.3750 | 3.98750 | 0.000000E+00 |
| 634 | 60.7500 | 3.98750 | 0.000000E+00 |
| 635 | 62.1667 | 3.98750 | 0.000000E+00 |
| 636 | 63.5833 | 3.98750 | 0.000000E+00 |
| 637 | 65.0000 | 3.98750 | 0.000000E+00 |
| 638 | 66.3333 | 3.98750 | 0.000000E+00 |
| 639 | 67.6667 | 3.98750 | 0.000000E+00 |
| 640 | 69.0000 | 3.98750 | 0.334455E-14 |
| 641 | 70.0000 | 3.98750 | 0.000000E+00 |
| 642 | 71.5000 | 3.98750 | 0.000000E+00 |
| 643 | 73.0000 | 3.98750 | 0.000000E+00 |
| 644 | 74.3333 | 3.98750 | 0.000000E+00 |
| 645 | 75.6667 | 3.98750 | 0.000000E+00 |
| 646 | 77.0000 | 3.98750 | 0.277556E-16 |
| 647 | 78.3333 | 3.98750 | 0.000000E+00 |
| 648 | 79.6667 | 3.98750 | 0.000000E+00 |
| 649 | 81.0000 | 3.98750 | 0.000000E+00 |
| 650 | 0.000000E+00 | 5.62500 | 0.000000E+00 |
| 651 | 1.33333 | 5.62500 | 0.000000E+00 |
| 652 | 2.66667 | 5.62500 | 0.000000E+00 |
| 653 | 4.00000 | 5.62500 | 0.000000E+00 |
| 654 | 5.33333 | 5.62500 | 0.000000E+00 |
| 655 | 6.66667 | 5.62500 | 0.000000E+00 |
| 656 | 8.00000 | 5.62500 | 0.000000E+00 |
| 657 | 10.0000 | 5.62500 | 0.000000E+00 |
| 658 | 12.0000 | 5.62500 | 0.000000E+00 |
| 659 | 13.3333 | 5.62500 | 0.000000E+00 |
| 660 | 14.6667 | 5.62500 | 0.000000E+00 |
| 661 | 16.0000 | 5.62500 | 0.000000E+00 |
| 662 | 17.3333 | 5.62500 | 0.000000E+00 |
| 663 | 18.6667 | 5.62500 | 0.000000E+00 |
| 664 | 20.0000 | 5.62500 | 0.000000E+00 |
| 665 | 22.0000 | 5.62500 | 0.000000E+00 |
| 666 | 24.0000 | 5.62500 | 0.000000E+00 |
| 667 | 25.3333 | 5.62500 | 0.000000E+00 |
| 668 | 26.6667 | 5.62500 | 0.000000E+00 |
| 669 | 28.0000 | 5.62500 | 0.000000E+00 |
| 670 | 29.3333 | 5.62500 | 0.000000E+00 |
| 671 | 30.6667 | 5.62500 | 0.000000E+00 |
| 672 | 32.0000 | 5.62500 | 0.000000E+00 |
| 673 | 34.0000 | 5.62500 | 0.000000E+00 |
| 674 | 36.0000 | 5.62500 | 0.000000E+00 |
| 675 | 37.3333 | 5.62500 | 0.000000E+00 |
| 676 | 38.6667 | 5.62500 | 0.000000E+00 |
| 677 | 40.0000 | 5.62500 | 0.000000E+00 |
| 678 | 41.3333 | 5.62500 | 0.000000E+00 |
| 679 | 42.6667 | 5.62500 | 0.000000E+00 |
| 680 | 44.0000 | 5.62500 | 0.000000E+00 |
| 681 | 46.0000 | 5.62500 | 0.000000E+00 |
| 682 | 48.0000 | 5.62500 | 0.000000E+00 |
| 683 | 49.4167 | 5.62500 | 0.000000E+00 |
| 684 | 50.8333 | 5.62500 | 0.000000E+00 |
| 685 | 52.2500 | 5.62500 | 0.000000E+00 |
| 686 | 53.6667 | 5.62500 | 0.000000E+00 |
| 687 | 55.0833 | 5.62500 | 0.000000E+00 |
| 688 | 56.5000 | 5.62500 | 0.000000E+00 |
| 689 | 58.0000 | 5.62500 | 0.000000E+00 |
| 690 | 59.3750 | 5.62500 | 0.000000E+00 |
| 691 | 60.7500 | 5.62500 | 0.000000E+00 |
| 692 | 62.1667 | 5.62500 | 0.000000E+00 |
| 693 | 63.5833 | 5.62500 | 0.000000E+00 |
| 694 | 65.0000 | 5.62500 | 0.000000E+00 |
| 695 | 66.3333 | 5.62500 | 0.000000E+00 |
| 696 | 67.6667 | 5.62500 | 0.000000E+00 |
| 697 | 69.0000 | 5.62500 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 698 | 70.0000 | 5.62500 | 0.000000E+00 |
| 699 | 71.5000 | 5.62500 | 0.000000E+00 |
| 700 | 73.0000 | 5.62500 | 0.000000E+00 |
| 701 | 74.3333 | 5.62500 | 0.000000E+00 |
| 702 | 75.6667 | 5.62500 | 0.000000E+00 |
| 703 | 77.0000 | 5.62500 | 0.000000E+00 |
| 704 | 78.3333 | 5.62500 | 0.000000E+00 |
| 705 | 79.6667 | 5.62500 | 0.000000E+00 |
| 706 | 81.0000 | 5.62500 | 0.000000E+00 |
| 707 | 0.000000E+00 | 7.26250 | 0.000000E+00 |
| 708 | 1.33333 | 7.26250 | 0.000000E+00 |
| 709 | 2.66667 | 7.26250 | 0.000000E+00 |
| 710 | 4.00000 | 7.26250 | -0.971445E-16 |
| 711 | 5.33333 | 7.26250 | 0.000000E+00 |
| 712 | 6.66667 | 7.26250 | 0.000000E+00 |
| 713 | 8.00000 | 7.26250 | 0.000000E+00 |
| 714 | 10.0000 | 7.26250 | 0.000000E+00 |
| 715 | 12.0000 | 7.26250 | 0.000000E+00 |
| 716 | 13.3333 | 7.26250 | 0.000000E+00 |
| 717 | 14.6667 | 7.26250 | 0.000000E+00 |
| 718 | 16.0000 | 7.26250 | 0.000000E+00 |
| 719 | 17.3333 | 7.26250 | 0.000000E+00 |
| 720 | 18.6667 | 7.26250 | 0.000000E+00 |
| 721 | 20.0000 | 7.26250 | 0.000000E+00 |
| 722 | 22.0000 | 7.26250 | 0.000000E+00 |
| 723 | 24.0000 | 7.26250 | 0.000000E+00 |
| 724 | 25.3333 | 7.26250 | 0.000000E+00 |
| 725 | 26.6667 | 7.26250 | 0.000000E+00 |
| 726 | 28.0000 | 7.26250 | 0.000000E+00 |
| 727 | 29.3333 | 7.26250 | 0.000000E+00 |
| 728 | 30.6667 | 7.26250 | 0.000000E+00 |
| 729 | 32.0000 | 7.26250 | 0.000000E+00 |
| 730 | 34.0000 | 7.26250 | 0.000000E+00 |
| 731 | 36.0000 | 7.26250 | 0.000000E+00 |
| 732 | 37.3333 | 7.26250 | 0.000000E+00 |
| 733 | 38.6667 | 7.26250 | 0.000000E+00 |
| 734 | 40.0000 | 7.26250 | 0.000000E+00 |
| 735 | 41.3333 | 7.26250 | 0.000000E+00 |
| 736 | 42.6667 | 7.26250 | 0.000000E+00 |
| 737 | 44.0000 | 7.26250 | 0.000000E+00 |
| 738 | 46.0000 | 7.26250 | 0.000000E+00 |
| 739 | 48.0000 | 7.26250 | 0.000000E+00 |
| 740 | 49.4167 | 7.26250 | 0.000000E+00 |
| 741 | 50.8333 | 7.26250 | 0.000000E+00 |
| 742 | 52.2500 | 7.26250 | 0.000000E+00 |
| 743 | 53.6667 | 7.26250 | 0.000000E+00 |
| 744 | 55.0833 | 7.26250 | 0.000000E+00 |
| 745 | 56.5000 | 7.26250 | 0.288658E-14 |
| 746 | 58.0000 | 7.26250 | 0.000000E+00 |
| 747 | 59.3750 | 7.26250 | 0.000000E+00 |
| 748 | 60.7500 | 7.26250 | 0.000000E+00 |
| 749 | 62.1667 | 7.26250 | 0.000000E+00 |
| 750 | 63.5833 | 7.26250 | 0.000000E+00 |
| 751 | 65.0000 | 7.26250 | 0.000000E+00 |
| 752 | 66.3333 | 7.26250 | 0.000000E+00 |
| 753 | 67.6667 | 7.26250 | 0.000000E+00 |
| 754 | 69.0000 | 7.26250 | 0.399680E-14 |
| 755 | 70.0000 | 7.26250 | 0.000000E+00 |
| 756 | 71.5000 | 7.26250 | 0.000000E+00 |
| 757 | 73.0000 | 7.26250 | 0.000000E+00 |
| 758 | 74.3333 | 7.26250 | 0.000000E+00 |
| 759 | 75.6667 | 7.26250 | 0.000000E+00 |
| 760 | 77.0000 | 7.26250 | 0.000000E+00 |
| 761 | 78.3333 | 7.26250 | 0.000000E+00 |
| 762 | 79.6667 | 7.26250 | 0.000000E+00 |
| 763 | 81.0000 | 7.26250 | 0.000000E+00 |
| 764 | 0.000000E+00 | 8.90000 | 0.000000E+00 |
| 765 | 1.33333 | 8.90000 | 0.000000E+00 |
| 766 | 2.66667 | 8.90000 | 0.000000E+00 |
| 767 | 4.00000 | 8.90000 | 0.000000E+00 |
| 768 | 5.33333 | 8.90000 | 0.000000E+00 |
| 769 | 6.66667 | 8.90000 | 0.000000E+00 |
| 770 | 8.00000 | 8.90000 | 0.000000E+00 |

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|---|---|---|---|
| 771 | 10.0000 | 8.90000 | 0.000000E+00 |
| 772 | 12.0000 | 8.90000 | 0.000000E+00 |
| 773 | 13.3333 | 8.90000 | 0.000000E+00 |
| 774 | 14.6667 | 8.90000 | 0.000000E+00 |
| 775 | 16.0000 | 8.90000 | 0.000000E+00 |
| 776 | 17.3333 | 8.90000 | 0.000000E+00 |
| 777 | 18.6667 | 8.90000 | 0.000000E+00 |
| 778 | 20.0000 | 8.90000 | 0.000000E+00 |
| 779 | 22.0000 | 8.90000 | 0.000000E+00 |
| 780 | 24.0000 | 8.90000 | 0.000000E+00 |
| 781 | 25.3333 | 8.90000 | 0.000000E+00 |
| 782 | 26.6667 | 8.90000 | 0.000000E+00 |
| 783 | 28.0000 | 8.90000 | 0.000000E+00 |
| 784 | 29.3333 | 8.90000 | 0.000000E+00 |
| 785 | 30.6667 | 8.90000 | 0.000000E+00 |
| 786 | 32.0000 | 8.90000 | 0.000000E+00 |
| 787 | 34.0000 | 8.90000 | 0.000000E+00 |
| 788 | 36.0000 | 8.90000 | 0.000000E+00 |
| 789 | 37.3333 | 8.90000 | 0.000000E+00 |
| 790 | 38.6667 | 8.90000 | 0.000000E+00 |
| 791 | 40.0000 | 8.90000 | 0.000000E+00 |
| 792 | 41.3333 | 8.90000 | 0.000000E+00 |
| 793 | 42.6667 | 8.90000 | 0.000000E+00 |
| 794 | 44.0000 | 8.90000 | 0.000000E+00 |
| 795 | 46.0000 | 8.90000 | 0.000000E+00 |
| 796 | 48.0000 | 8.90000 | 0.000000E+00 |
| 797 | 49.4167 | 8.90000 | 0.000000E+00 |
| 798 | 50.8333 | 8.90000 | 0.000000E+00 |
| 799 | 52.2500 | 8.90000 | 0.000000E+00 |
| 800 | 53.6667 | 8.90000 | 0.000000E+00 |
| 801 | 55.0833 | 8.90000 | 0.000000E+00 |
| 802 | 56.5000 | 8.90000 | 0.000000E+00 |
| 803 | 58.0000 | 8.90000 | 0.000000E+00 |
| 804 | 59.3750 | 8.90000 | 0.000000E+00 |
| 805 | 60.7500 | 8.90000 | 0.000000E+00 |
| 806 | 62.1667 | 8.90000 | 0.000000E+00 |
| 807 | 63.5833 | 8.90000 | 0.000000E+00 |
| 808 | 65.0000 | 8.90000 | 0.000000E+00 |
| 809 | 66.3333 | 8.90000 | 0.000000E+00 |
| 810 | 67.6667 | 8.90000 | 0.000000E+00 |
| 811 | 69.0000 | 8.90000 | 0.000000E+00 |
| 812 | 70.0000 | 8.90000 | 0.000000E+00 |
| 813 | 71.5000 | 8.90000 | 0.000000E+00 |
| 814 | 73.0000 | 8.90000 | 0.000000E+00 |
| 815 | 74.3333 | 8.90000 | 0.000000E+00 |
| 816 | 75.6667 | 8.90000 | 0.000000E+00 |
| 817 | 77.0000 | 8.90000 | 0.000000E+00 |
| 818 | 78.3333 | 8.90000 | 0.000000E+00 |
| 819 | 79.6667 | 8.90000 | 0.000000E+00 |
| 820 | 81.0000 | 8.90000 | 0.000000E+00 |
| 821 | 0.000000E+00 | 10.5000 | 0.000000E+00 |
| 822 | 1.33333 | 10.5000 | 0.000000E+00 |
| 823 | 2.66667 | 10.5000 | 0.000000E+00 |
| 824 | 4.00000 | 10.5000 | 0.000000E+00 |
| 825 | 5.33333 | 10.5000 | 0.000000E+00 |
| 826 | 6.66667 | 10.5000 | 0.000000E+00 |
| 827 | 8.00000 | 10.5000 | 0.000000E+00 |
| 828 | 10.0000 | 10.5000 | 0.000000E+00 |
| 829 | 12.0000 | 10.5000 | 0.000000E+00 |
| 830 | 13.3333 | 10.5000 | 0.000000E+00 |
| 831 | 14.6667 | 10.5000 | 0.000000E+00 |
| 832 | 16.0000 | 10.5000 | 0.000000E+00 |
| 833 | 17.3333 | 10.5000 | 0.000000E+00 |
| 834 | 18.6667 | 10.5000 | 0.000000E+00 |
| 835 | 20.0000 | 10.5000 | 0.000000E+00 |
| 836 | 22.0000 | 10.5000 | 0.000000E+00 |
| 837 | 24.0000 | 10.5000 | 0.000000E+00 |
| 838 | 25.3333 | 10.5000 | 0.000000E+00 |
| 839 | 26.6667 | 10.5000 | 0.000000E+00 |
| 840 | 28.0000 | 10.5000 | 0.000000E+00 |
| 841 | 29.3333 | 10.5000 | 0.000000E+00 |
| 842 | 30.6667 | 10.5000 | 0.000000E+00 |
| 843 | 32.0000 | 10.5000 | 0.000000E+00 |

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|---|---|---|---|
| 844 | 34.0000 | 10.5000 | 0.000000E+00 |
| 845 | 36.0000 | 10.5000 | 0.000000E+00 |
| 846 | 37.3333 | 10.5000 | 0.000000E+00 |
| 847 | 38.6667 | 10.5000 | 0.000000E+00 |
| 848 | 40.0000 | 10.5000 | 0.000000E+00 |
| 849 | 41.3333 | 10.5000 | 0.000000E+00 |
| 850 | 42.6667 | 10.5000 | 0.000000E+00 |
| 851 | 44.0000 | 10.5000 | 0.000000E+00 |
| 852 | 46.0000 | 10.5000 | 0.000000E+00 |
| 853 | 48.0000 | 10.5000 | 0.000000E+00 |
| 854 | 49.4167 | 10.5000 | 0.000000E+00 |
| 855 | 50.8333 | 10.5000 | 0.000000E+00 |
| 856 | 52.2500 | 10.5000 | 0.000000E+00 |
| 857 | 53.6667 | 10.5000 | 0.000000E+00 |
| 858 | 55.0833 | 10.5000 | 0.000000E+00 |
| 859 | 56.5000 | 10.5000 | 0.000000E+00 |
| 860 | 58.0000 | 10.5000 | 0.000000E+00 |
| 861 | 59.3750 | 10.5000 | 0.000000E+00 |
| 862 | 60.7500 | 10.5000 | 0.000000E+00 |
| 863 | 62.1667 | 10.5000 | 0.000000E+00 |
| 864 | 63.5833 | 10.5000 | 0.000000E+00 |
| 865 | 65.0000 | 10.5000 | 0.000000E+00 |
| 866 | 66.3333 | 10.5000 | 0.000000E+00 |
| 867 | 67.6667 | 10.5000 | 0.000000E+00 |
| 868 | 69.0000 | 10.5000 | 0.000000E+00 |
| 869 | 70.0000 | 10.5000 | 0.000000E+00 |
| 870 | 71.5000 | 10.5000 | 0.000000E+00 |
| 871 | 73.0000 | 10.5000 | 0.000000E+00 |
| 872 | 74.3333 | 10.5000 | 0.000000E+00 |
| 873 | 75.6667 | 10.5000 | 0.000000E+00 |
| 874 | 77.0000 | 10.5000 | 0.000000E+00 |
| 875 | 78.3333 | 10.5000 | 0.000000E+00 |
| 876 | 79.6667 | 10.5000 | 0.000000E+00 |
| 877 | 81.0000 | 10.5000 | 0.000000E+00 |
| 878 | 0.000000E+00 | 11.2500 | 0.000000E+00 |
| 879 | 1.33333 | 11.2500 | 0.000000E+00 |
| 880 | 2.66667 | 11.2500 | 0.000000E+00 |
| 881 | 4.00000 | 11.2500 | 0.000000E+00 |
| 882 | 5.33333 | 11.2500 | 0.000000E+00 |
| 883 | 6.66667 | 11.2500 | 0.000000E+00 |
| 884 | 8.00000 | 11.2500 | 0.000000E+00 |
| 885 | 10.0000 | 11.2500 | 0.000000E+00 |
| 886 | 12.0000 | 11.2500 | 0.000000E+00 |
| 887 | 13.3333 | 11.2500 | 0.000000E+00 |
| 888 | 14.6667 | 11.2500 | 0.000000E+00 |
| 889 | 16.0000 | 11.2500 | 0.000000E+00 |
| 890 | 17.3333 | 11.2500 | 0.000000E+00 |
| 891 | 18.6667 | 11.2500 | 0.000000E+00 |
| 892 | 20.0000 | 11.2500 | 0.000000E+00 |
| 893 | 22.0000 | 11.2500 | 0.000000E+00 |
| 894 | 24.0000 | 11.2500 | 0.000000E+00 |
| 895 | 25.3333 | 11.2500 | 0.000000E+00 |
| 896 | 26.6667 | 11.2500 | 0.000000E+00 |
| 897 | 28.0000 | 11.2500 | 0.000000E+00 |
| 898 | 29.3333 | 11.2500 | 0.000000E+00 |
| 899 | 30.6667 | 11.2500 | 0.000000E+00 |
| 900 | 32.0000 | 11.2500 | 0.000000E+00 |
| 901 | 34.0000 | 11.2500 | 0.000000E+00 |
| 902 | 36.0000 | 11.2500 | 0.000000E+00 |
| 903 | 37.3333 | 11.2500 | 0.000000E+00 |
| 904 | 38.6667 | 11.2500 | 0.000000E+00 |
| 905 | 40.0000 | 11.2500 | 0.000000E+00 |
| 906 | 41.3333 | 11.2500 | 0.000000E+00 |
| 907 | 42.6667 | 11.2500 | 0.000000E+00 |
| 908 | 44.0000 | 11.2500 | 0.000000E+00 |
| 909 | 46.0000 | 11.2500 | 0.000000E+00 |
| 910 | 48.0000 | 11.2500 | 0.000000E+00 |
| 911 | 49.4167 | 11.2500 | 0.000000E+00 |
| 912 | 50.8333 | 11.2500 | 0.000000E+00 |
| 913 | 52.2500 | 11.2500 | 0.000000E+00 |
| 914 | 53.6667 | 11.2500 | 0.000000E+00 |
| 915 | 55.0833 | 11.2500 | 0.000000E+00 |
| 916 | 56.5000 | 11.2500 | 0.000000E+00 |

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|---|---|---|---|
| 917 | 58.0000 | 11.2500 | 0.000000E+00 |
| 918 | 59.3750 | 11.2500 | 0.000000E+00 |
| 919 | 60.7500 | 11.2500 | 0.000000E+00 |
| 920 | 62.1667 | 11.2500 | 0.000000E+00 |
| 921 | 63.5833 | 11.2500 | 0.000000E+00 |
| 922 | 65.0000 | 11.2500 | 0.000000E+00 |
| 923 | 66.3333 | 11.2500 | 0.000000E+00 |
| 924 | 67.6667 | 11.2500 | 0.000000E+00 |
| 925 | 69.0000 | 11.2500 | 0.000000E+00 |
| 926 | 70.0000 | 11.2500 | 0.000000E+00 |
| 927 | 71.5000 | 11.2500 | 0.000000E+00 |
| 928 | 73.0000 | 11.2500 | 0.000000E+00 |
| 929 | 74.3333 | 11.2500 | 0.000000E+00 |
| 930 | 75.6667 | 11.2500 | 0.000000E+00 |
| 931 | 77.0000 | 11.2500 | 0.000000E+00 |
| 932 | 78.3333 | 11.2500 | 0.000000E+00 |
| 933 | 79.6667 | 11.2500 | 0.000000E+00 |
| 934 | 81.0000 | 11.2500 | 0.000000E+00 |
| 935 | 8.00000 | 3.35000 | 0.000000E+00 |
| 936 | 22.0000 | 3.35000 | 0.000000E+00 |
| 937 | 32.0000 | 3.35000 | 0.000000E+00 |
| 938 | 46.0000 | 3.35000 | 0.000000E+00 |
| 939 | 70.0000 | 3.35000 | 0.000000E+00 |
| 940 | 71.5000 | 3.35000 | 0.000000E+00 |
| 941 | 8.00000 | 9.90000 | 0.000000E+00 |
| 942 | 22.0000 | 9.90000 | 0.000000E+00 |
| 943 | 32.0000 | 9.90000 | 0.000000E+00 |
| 944 | 46.0000 | 9.90000 | 0.000000E+00 |
| 945 | 70.0000 | 9.90000 | 0.000000E+00 |
| 946 | 71.5000 | 9.90000 | 0.000000E+00 |
| 947 | 56.5000 | 3.35000 | 0.000000E+00 |
| 948 | 56.5000 | 9.90000 | 0.000000E+00 |
| 949 | 0.000000E+00 | 3.35000 | 0.000000E+00 |
| 950 | 1.33333 | 3.35000 | 0.000000E+00 |
| 951 | 2.66667 | 3.35000 | 0.000000E+00 |
| 952 | 4.00000 | 3.35000 | 0.000000E+00 |
| 953 | 5.33333 | 3.35000 | 0.000000E+00 |
| 954 | 6.66667 | 3.35000 | 0.000000E+00 |
| 955 | 0.000000E+00 | 9.90000 | 0.000000E+00 |
| 956 | 1.33333 | 9.90000 | 0.000000E+00 |
| 957 | 2.66667 | 9.90000 | 0.000000E+00 |
| 958 | 4.00000 | 9.90000 | 0.000000E+00 |
| 959 | 5.33333 | 9.90000 | 0.000000E+00 |
| 960 | 6.66667 | 9.90000 | 0.000000E+00 |
| 961 | 10.0000 | 3.35000 | 0.000000E+00 |
| 962 | 12.0000 | 3.35000 | 0.000000E+00 |
| 963 | 13.3333 | 3.35000 | 0.000000E+00 |
| 964 | 14.6667 | 3.35000 | 0.000000E+00 |
| 965 | 10.0000 | 9.90000 | 0.000000E+00 |
| 966 | 12.0000 | 9.90000 | 0.000000E+00 |
| 967 | 13.3333 | 9.90000 | 0.000000E+00 |
| 968 | 14.6667 | 9.90000 | 0.000000E+00 |
| 969 | 16.0000 | 3.35000 | 0.000000E+00 |
| 970 | 17.3333 | 3.35000 | 0.000000E+00 |
| 971 | 18.6667 | 3.35000 | 0.000000E+00 |
| 972 | 20.0000 | 3.35000 | 0.000000E+00 |
| 973 | 16.0000 | 9.90000 | 0.000000E+00 |
| 974 | 17.3333 | 9.90000 | 0.000000E+00 |
| 975 | 18.6667 | 9.90000 | 0.000000E+00 |
| 976 | 20.0000 | 9.90000 | 0.000000E+00 |
| 977 | 24.0000 | 3.35000 | 0.000000E+00 |
| 978 | 25.3333 | 3.35000 | 0.000000E+00 |
| 979 | 26.6667 | 3.35000 | 0.000000E+00 |
| 980 | 28.0000 | 3.35000 | 0.000000E+00 |
| 981 | 29.3333 | 3.35000 | 0.000000E+00 |
| 982 | 30.6667 | 3.35000 | 0.000000E+00 |
| 983 | 24.0000 | 9.90000 | 0.000000E+00 |
| 984 | 25.3333 | 9.90000 | 0.000000E+00 |
| 985 | 26.6667 | 9.90000 | 0.000000E+00 |
| 986 | 28.0000 | 9.90000 | 0.000000E+00 |
| 987 | 29.3333 | 9.90000 | 0.000000E+00 |
| 988 | 30.6667 | 9.90000 | 0.000000E+00 |
| 989 | 34.0000 | 3.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 990 | 36.0000 | 3.35000 | 0.000000E+00 |
| 991 | 37.3333 | 3.35000 | 0.000000E+00 |
| 992 | 38.6667 | 3.35000 | 0.000000E+00 |
| 993 | 34.0000 | 9.90000 | 0.000000E+00 |
| 994 | 36.0000 | 9.90000 | 0.000000E+00 |
| 995 | 37.3333 | 9.90000 | 0.000000E+00 |
| 996 | 38.6667 | 9.90000 | 0.000000E+00 |
| 997 | 40.0000 | 3.35000 | 0.000000E+00 |
| 998 | 41.3333 | 3.35000 | 0.000000E+00 |
| 999 | 42.6667 | 3.35000 | 0.000000E+00 |
| 1000 | 44.0000 | 3.35000 | 0.000000E+00 |
| 1001 | 40.0000 | 9.90000 | 0.000000E+00 |
| 1002 | 41.3333 | 9.90000 | 0.000000E+00 |
| 1003 | 42.6667 | 9.90000 | 0.000000E+00 |
| 1004 | 44.0000 | 9.90000 | 0.000000E+00 |
| 1005 | 48.0000 | 3.35000 | 0.000000E+00 |
| 1006 | 49.4167 | 3.35000 | 0.000000E+00 |
| 1007 | 50.8333 | 3.35000 | 0.000000E+00 |
| 1008 | 52.2500 | 3.35000 | 0.000000E+00 |
| 1009 | 53.6667 | 3.35000 | 0.000000E+00 |
| 1010 | 55.0833 | 3.35000 | 0.000000E+00 |
| 1011 | 48.0000 | 9.90000 | 0.000000E+00 |
| 1012 | 49.4167 | 9.90000 | 0.000000E+00 |
| 1013 | 50.8333 | 9.90000 | 0.000000E+00 |
| 1014 | 52.2500 | 9.90000 | 0.000000E+00 |
| 1015 | 53.6667 | 9.90000 | 0.000000E+00 |
| 1016 | 55.0833 | 9.90000 | 0.000000E+00 |
| 1017 | 58.0000 | 3.35000 | 0.000000E+00 |
| 1018 | 59.3750 | 3.35000 | 0.000000E+00 |
| 1019 | 60.7500 | 3.35000 | 0.000000E+00 |
| 1020 | 62.1667 | 3.35000 | 0.000000E+00 |
| 1021 | 63.5833 | 3.35000 | 0.000000E+00 |
| 1022 | 58.0000 | 9.90000 | 0.000000E+00 |
| 1023 | 59.3750 | 9.90000 | 0.000000E+00 |
| 1024 | 60.7500 | 9.90000 | 0.000000E+00 |
| 1025 | 62.1667 | 9.90000 | 0.000000E+00 |
| 1026 | 63.5833 | 9.90000 | 0.000000E+00 |
| 1027 | 65.0000 | 3.35000 | 0.000000E+00 |
| 1028 | 66.3333 | 3.35000 | 0.000000E+00 |
| 1029 | 67.6667 | 3.35000 | 0.000000E+00 |
| 1030 | 69.0000 | 3.35000 | 0.000000E+00 |
| 1031 | 65.0000 | 9.90000 | 0.000000E+00 |
| 1032 | 66.3333 | 9.90000 | 0.000000E+00 |
| 1033 | 67.6667 | 9.90000 | 0.000000E+00 |
| 1034 | 69.0000 | 9.90000 | 0.000000E+00 |
| 1035 | 73.0000 | 3.35000 | 0.000000E+00 |
| 1036 | 74.3333 | 3.35000 | 0.000000E+00 |
| 1037 | 75.6667 | 3.35000 | 0.000000E+00 |
| 1038 | 77.0000 | 3.35000 | 0.000000E+00 |
| 1039 | 78.3333 | 3.35000 | 0.000000E+00 |
| 1040 | 79.6667 | 3.35000 | 0.000000E+00 |
| 1041 | 73.0000 | 9.90000 | 0.000000E+00 |
| 1042 | 74.3333 | 9.90000 | 0.000000E+00 |
| 1043 | 75.6667 | 9.90000 | 0.000000E+00 |
| 1044 | 77.0000 | 9.90000 | 0.000000E+00 |
| 1045 | 78.3333 | 9.90000 | 0.000000E+00 |
| 1046 | 79.6667 | 9.90000 | 0.000000E+00 |
| 1047 | -1.00000 | 2.35000 | -1.10000 |
| 1048 | -1.00000 | 3.98750 | -1.10000 |
| 1049 | -1.00000 | 5.62500 | -1.10000 |
| 1050 | -1.00000 | 7.26250 | -1.10000 |
| 1051 | 7.00000 | 2.35000 | -1.10000 |
| 1052 | 7.00000 | 3.98750 | -1.10000 |
| 1053 | 7.00000 | 5.62500 | -1.10000 |
| 1054 | 7.00000 | 7.26250 | -1.10000 |
| 1055 | 15.0000 | 2.35000 | -1.10000 |
| 1056 | 15.0000 | 3.98750 | -1.10000 |
| 1057 | 15.0000 | 5.62500 | -1.10000 |
| 1058 | 15.0000 | 7.26250 | -1.10000 |
| 1059 | 23.0000 | 2.35000 | -1.10000 |
| 1060 | 23.0000 | 3.98750 | -1.10000 |
| 1061 | 23.0000 | 5.62500 | -1.10000 |
| 1062 | 23.0000 | 7.26250 | -1.10000 |

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|---|---|---|---|
| 1063 | 31.0000 | 2.35000 | -1.10000 |
| 1064 | 31.0000 | 3.98750 | -1.10000 |
| 1065 | 31.0000 | 5.62500 | -1.10000 |
| 1066 | 31.0000 | 7.26250 | -1.10000 |
| 1067 | 39.0000 | 2.35000 | -1.10000 |
| 1068 | 39.0000 | 3.98750 | -1.10000 |
| 1069 | 39.0000 | 5.62500 | -1.10000 |
| 1070 | 39.0000 | 7.26250 | -1.10000 |
| 1071 | 47.0000 | 2.35000 | -1.10000 |
| 1072 | 47.0000 | 3.98750 | -1.10000 |
| 1073 | 47.0000 | 5.62500 | -1.10000 |
| 1074 | 47.0000 | 7.26250 | -1.10000 |
| 1075 | 55.5000 | 2.35000 | -1.10000 |
| 1076 | 55.5000 | 3.98750 | -1.10000 |
| 1077 | 55.5000 | 5.62500 | -1.10000 |
| 1078 | 55.5000 | 7.26250 | -1.10000 |
| 1079 | 64.0000 | 2.35000 | -1.10000 |
| 1080 | 64.0000 | 3.98750 | -1.10000 |
| 1081 | 64.0000 | 5.62500 | -1.10000 |
| 1082 | 64.0000 | 7.26250 | -1.10000 |
| 1083 | 72.0000 | 2.35000 | -1.10000 |
| 1084 | 72.0000 | 3.98750 | -1.10000 |
| 1085 | 72.0000 | 5.62500 | -1.10000 |
| 1086 | 72.0000 | 7.26250 | -1.10000 |
| 1087 | 80.0000 | 2.35000 | -1.10000 |
| 1088 | 80.0000 | 3.98750 | -1.10000 |
| 1089 | 80.0000 | 5.62500 | -1.10000 |
| 1090 | 80.0000 | 7.26250 | -1.10000 |
| 1091 | 41.0917 | 8.90000 | -2.80000 |
| 1092 | 41.0917 | 5.62500 | -2.80000 |
| 1093 | 40.0000 | 4.62500 | -6.80000 |
| 1094 | 40.0000 | 4.62500 | -5.46667 |
| 1095 | 40.0000 | 4.62500 | -4.13333 |
| 1096 | 40.0000 | 4.62500 | -8.60000 |
| 1097 | 40.0000 | 9.90000 | -2.30000 |
| 1098 | 40.0000 | 3.35000 | -2.30000 |
| 1099 | 79.9083 | 5.62500 | -2.80000 |
| 1100 | 81.0000 | 7.90000 | -2.80000 |
| 1101 | 81.0000 | 3.35000 | -2.30000 |
| 1102 | 79.9083 | 2.35000 | -2.80000 |
| 1103 | -1.09167 | 5.62500 | -2.80000 |
| 1104 | 0.000000E+00 | 7.90000 | -2.80000 |
| 1105 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1106 | -1.09167 | 2.35000 | -2.80000 |
| 1107 | 1.00000 | 8.90000 | -1.75000 |
| 1108 | 1.00000 | 8.90000 | -1.42500 |
| 1109 | 1.00000 | 8.90000 | -2.30000 |
| 1110 | 1.00000 | 8.90000 | -2.02500 |
| 1111 | 9.00000 | 8.90000 | -1.49500 |
| 1112 | 9.00000 | 8.90000 | -1.29750 |
| 1113 | 9.00000 | 8.90000 | -2.30000 |
| 1114 | 9.00000 | 8.90000 | -1.89750 |
| 1115 | 17.0000 | 8.90000 | -1.49500 |
| 1116 | 17.0000 | 8.90000 | -1.29750 |
| 1117 | 17.0000 | 8.90000 | -2.30000 |
| 1118 | 17.0000 | 8.90000 | -1.89750 |
| 1119 | 25.0000 | 8.90000 | -1.49500 |
| 1120 | 25.0000 | 8.90000 | -1.29750 |
| 1121 | 25.0000 | 8.90000 | -2.30000 |
| 1122 | 25.0000 | 8.90000 | -1.89750 |
| 1123 | 33.0000 | 8.90000 | -1.49500 |
| 1124 | 33.0000 | 8.90000 | -1.29750 |
| 1125 | 33.0000 | 8.90000 | -2.30000 |
| 1126 | 33.0000 | 8.90000 | -1.89750 |
| 1127 | 41.0000 | 8.90000 | -1.75000 |
| 1128 | 41.0000 | 8.90000 | -1.42500 |
| 1129 | 41.0000 | 8.90000 | -2.30000 |
| 1130 | 41.0000 | 8.90000 | -2.02500 |
| 1131 | 49.0000 | 8.90000 | -1.49500 |
| 1132 | 49.0000 | 8.90000 | -1.29750 |
| 1133 | 49.0000 | 8.90000 | -2.30000 |
| 1134 | 49.0000 | 8.90000 | -1.89750 |
| 1135 | 57.5000 | 8.90000 | -1.49500 |

| | | | |
|---|---|---|---|
| 1136 | 57.5000 | 8.90000 | -1.29750 |
| 1137 | 57.5000 | 8.90000 | -2.30000 |
| 1138 | 57.5000 | 8.90000 | -1.89750 |
| 1139 | 66.0000 | 8.90000 | -1.49500 |
| 1140 | 66.0000 | 8.90000 | -1.29750 |
| 1141 | 66.0000 | 8.90000 | -2.30000 |
| 1142 | 66.0000 | 8.90000 | -1.89750 |
| 1143 | 74.0000 | 8.90000 | -1.49500 |
| 1144 | 74.0000 | 8.90000 | -1.29750 |
| 1145 | 74.0000 | 8.90000 | -2.30000 |
| 1146 | 74.0000 | 8.90000 | -1.89750 |
| 1147 | 82.0000 | 8.90000 | -1.75000 |
| 1148 | 82.0000 | 8.90000 | -1.42500 |
| 1149 | 82.0000 | 8.90000 | -2.30000 |
| 1150 | 82.0000 | 8.90000 | -2.02500 |
| 1151 | -1.00000 | 2.35000 | -1.75000 |
| 1152 | -1.00000 | 2.35000 | -1.42500 |
| 1153 | -1.00000 | 2.35000 | -2.30000 |
| 1154 | -1.00000 | 2.35000 | -2.02500 |
| 1155 | 7.00000 | 2.35000 | -1.49500 |
| 1156 | 7.00000 | 2.35000 | -1.29750 |
| 1157 | 7.00000 | 2.35000 | -2.30000 |
| 1158 | 7.00000 | 2.35000 | -1.89750 |
| 1159 | 15.0000 | 2.35000 | -1.49500 |
| 1160 | 15.0000 | 2.35000 | -1.29750 |
| 1161 | 15.0000 | 2.35000 | -2.30000 |
| 1162 | 15.0000 | 2.35000 | -1.89750 |
| 1163 | 23.0000 | 2.35000 | -1.49500 |
| 1164 | 23.0000 | 2.35000 | -1.29750 |
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| 1166 | 23.0000 | 2.35000 | -1.89750 |
| 1167 | 31.0000 | 2.35000 | -1.49500 |
| 1168 | 31.0000 | 2.35000 | -1.29750 |
| 1169 | 31.0000 | 2.35000 | -2.30000 |
| 1170 | 31.0000 | 2.35000 | -1.89750 |
| 1171 | 39.0000 | 2.35000 | -1.75000 |
| 1172 | 39.0000 | 2.35000 | -1.42500 |
| 1173 | 39.0000 | 2.35000 | -2.30000 |
| 1174 | 39.0000 | 2.35000 | -2.02500 |
| 1175 | 47.0000 | 2.35000 | -1.49500 |
| 1176 | 47.0000 | 2.35000 | -1.29750 |
| 1177 | 47.0000 | 2.35000 | -2.30000 |
| 1178 | 47.0000 | 2.35000 | -1.89750 |
| 1179 | 55.5000 | 2.35000 | -1.49500 |
| 1180 | 55.5000 | 2.35000 | -1.29750 |
| 1181 | 55.5000 | 2.35000 | -2.30000 |
| 1182 | 55.5000 | 2.35000 | -1.89750 |
| 1183 | 64.0000 | 2.35000 | -1.49500 |
| 1184 | 64.0000 | 2.35000 | -1.29750 |
| 1185 | 64.0000 | 2.35000 | -2.30000 |
| 1186 | 64.0000 | 2.35000 | -1.89750 |
| 1187 | 72.0000 | 2.35000 | -1.49500 |
| 1188 | 72.0000 | 2.35000 | -1.29750 |
| 1189 | 72.0000 | 2.35000 | -2.30000 |
| 1190 | 72.0000 | 2.35000 | -1.89750 |
| 1191 | 80.0000 | 2.35000 | -1.75000 |
| 1192 | 80.0000 | 2.35000 | -1.42500 |
| 1193 | 80.0000 | 2.35000 | -2.30000 |
| 1194 | 80.0000 | 2.35000 | -2.02500 |
| 1195 | 1.00000 | 8.90000 | -0.450000 |
| 1196 | 1.00000 | 8.90000 | -0.225000 |
| 1197 | 1.00000 | 8.90000 | -1.10000 |
| 1198 | 1.00000 | 8.90000 | -0.775000 |
| 1199 | 9.00000 | 8.90000 | -0.705000 |
| 1200 | 9.00000 | 8.90000 | -0.352500 |
| 1201 | 9.00000 | 8.90000 | -1.10000 |
| 1202 | 9.00000 | 8.90000 | -0.902500 |
| 1203 | 17.0000 | 8.90000 | -0.705000 |
| 1204 | 17.0000 | 8.90000 | -0.352500 |
| 1205 | 17.0000 | 8.90000 | -1.10000 |
| 1206 | 17.0000 | 8.90000 | -0.902500 |
| 1207 | 25.0000 | 8.90000 | -0.705000 |
| 1208 | 25.0000 | 8.90000 | -0.352500 |

| | | | |
|---|---|---|---|
| 1209 | 25.0000 | 8.90000 | -1.10000 |
| 1210 | 25.0000 | 8.90000 | -0.902500 |
| 1211 | 33.0000 | 8.90000 | -0.705000 |
| 1212 | 33.0000 | 8.90000 | -0.352500 |
| 1213 | 33.0000 | 8.90000 | -1.10000 |
| 1214 | 33.0000 | 8.90000 | -0.902500 |
| 1215 | 41.0000 | 8.90000 | -0.450000 |
| 1216 | 41.0000 | 8.90000 | -0.225000 |
| 1217 | 41.0000 | 8.90000 | -1.10000 |
| 1218 | 41.0000 | 8.90000 | -0.775000 |
| 1219 | 49.0000 | 8.90000 | -0.705000 |
| 1220 | 49.0000 | 8.90000 | -0.352500 |
| 1221 | 49.0000 | 8.90000 | -1.10000 |
| 1222 | 49.0000 | 8.90000 | -0.902500 |
| 1223 | 57.5000 | 8.90000 | -0.705000 |
| 1224 | 57.5000 | 8.90000 | -0.352500 |
| 1225 | 57.5000 | 8.90000 | -1.10000 |
| 1226 | 57.5000 | 8.90000 | -0.902500 |
| 1227 | 66.0000 | 8.90000 | -0.705000 |
| 1228 | 66.0000 | 8.90000 | -0.352500 |
| 1229 | 66.0000 | 8.90000 | -1.10000 |
| 1230 | 66.0000 | 8.90000 | -0.902500 |
| 1231 | 74.0000 | 8.90000 | -0.705000 |
| 1232 | 74.0000 | 8.90000 | -0.352500 |
| 1233 | 74.0000 | 8.90000 | -1.10000 |
| 1234 | 74.0000 | 8.90000 | -0.902500 |
| 1235 | 82.0000 | 8.90000 | -0.450000 |
| 1236 | 82.0000 | 8.90000 | -0.225000 |
| 1237 | 82.0000 | 8.90000 | -1.10000 |
| 1238 | 82.0000 | 8.90000 | -0.775000 |
| 1239 | -1.00000 | 2.35000 | -0.450000 |
| 1240 | -1.00000 | 2.35000 | -0.225000 |
| 1241 | -1.00000 | 2.35000 | -1.10000 |
| 1242 | -1.00000 | 2.35000 | -0.775000 |
| 1243 | 7.00000 | 2.35000 | -0.705000 |
| 1244 | 7.00000 | 2.35000 | -0.352500 |
| 1245 | 7.00000 | 2.35000 | -1.10000 |
| 1246 | 7.00000 | 2.35000 | -0.902500 |
| 1247 | 15.0000 | 2.35000 | -0.705000 |
| 1248 | 15.0000 | 2.35000 | -0.352500 |
| 1249 | 15.0000 | 2.35000 | -1.10000 |
| 1250 | 15.0000 | 2.35000 | -0.902500 |
| 1251 | 23.0000 | 2.35000 | -0.705000 |
| 1252 | 23.0000 | 2.35000 | -0.352500 |
| 1253 | 23.0000 | 2.35000 | -1.10000 |
| 1254 | 23.0000 | 2.35000 | -0.902500 |
| 1255 | 31.0000 | 2.35000 | -0.705000 |
| 1256 | 31.0000 | 2.35000 | -0.352500 |
| 1257 | 31.0000 | 2.35000 | -1.10000 |
| 1258 | 31.0000 | 2.35000 | -0.902500 |
| 1259 | 39.0000 | 2.35000 | -0.450000 |
| 1260 | 39.0000 | 2.35000 | -0.225000 |
| 1261 | 39.0000 | 2.35000 | -1.10000 |
| 1262 | 39.0000 | 2.35000 | -0.775000 |
| 1263 | 47.0000 | 2.35000 | -0.705000 |
| 1264 | 47.0000 | 2.35000 | -0.352500 |
| 1265 | 47.0000 | 2.35000 | -1.10000 |
| 1266 | 47.0000 | 2.35000 | -0.902500 |
| 1267 | 55.5000 | 2.35000 | -0.705000 |
| 1268 | 55.5000 | 2.35000 | -0.352500 |
| 1269 | 55.5000 | 2.35000 | -1.10000 |
| 1270 | 55.5000 | 2.35000 | -0.902500 |
| 1271 | 64.0000 | 2.35000 | -0.705000 |
| 1272 | 64.0000 | 2.35000 | -0.352500 |
| 1273 | 64.0000 | 2.35000 | -1.10000 |
| 1274 | 64.0000 | 2.35000 | -0.902500 |
| 1275 | 72.0000 | 2.35000 | -0.705000 |
| 1276 | 72.0000 | 2.35000 | -0.352500 |
| 1277 | 72.0000 | 2.35000 | -1.10000 |
| 1278 | 72.0000 | 2.35000 | -0.902500 |
| 1279 | 80.0000 | 2.35000 | -0.450000 |
| 1280 | 80.0000 | 2.35000 | -0.225000 |
| 1281 | 80.0000 | 2.35000 | -1.10000 |

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|---|---|---|---|
| 1282 | 80.0000 | 2.35000 | -0.775000 |
| 1283 | 3.00000 | 2.35000 | -1.10000 |
| 1284 | 3.00000 | 3.98750 | -1.10000 |
| 1285 | 3.00000 | 5.62500 | -1.10000 |
| 1286 | 3.00000 | 7.26250 | -1.10000 |
| 1287 | 5.00000 | 8.90000 | -1.49500 |
| 1288 | 5.00000 | 8.90000 | -1.29750 |
| 1289 | 5.00000 | 8.90000 | -2.30000 |
| 1290 | 5.00000 | 8.90000 | -1.89750 |
| 1291 | 3.00000 | 2.35000 | -1.49500 |
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| 1293 | 3.00000 | 2.35000 | -2.30000 |
| 1294 | 3.00000 | 2.35000 | -1.89750 |
| 1295 | 5.00000 | 8.90000 | -0.705000 |
| 1296 | 5.00000 | 8.90000 | -0.352500 |
| 1297 | 5.00000 | 8.90000 | -1.10000 |
| 1298 | 5.00000 | 8.90000 | -0.902500 |
| 1299 | 3.00000 | 2.35000 | -0.705000 |
| 1300 | 3.00000 | 2.35000 | -0.352500 |
| 1301 | 3.00000 | 2.35000 | -1.10000 |
| 1302 | 3.00000 | 2.35000 | -0.902500 |
| 1303 | 11.0000 | 2.35000 | -1.10000 |
| 1304 | 11.0000 | 3.98750 | -1.10000 |
| 1305 | 11.0000 | 5.62500 | -1.10000 |
| 1306 | 11.0000 | 7.26250 | -1.10000 |
| 1307 | 13.0000 | 8.90000 | -1.49500 |
| 1308 | 13.0000 | 8.90000 | -1.29750 |
| 1309 | 13.0000 | 8.90000 | -2.30000 |
| 1310 | 13.0000 | 8.90000 | -1.89750 |
| 1311 | 11.0000 | 2.35000 | -1.49500 |
| 1312 | 11.0000 | 2.35000 | -1.29750 |
| 1313 | 11.0000 | 2.35000 | -2.30000 |
| 1314 | 11.0000 | 2.35000 | -1.89750 |
| 1315 | 13.0000 | 8.90000 | -0.705000 |
| 1316 | 13.0000 | 8.90000 | -0.352500 |
| 1317 | 13.0000 | 8.90000 | -1.10000 |
| 1318 | 13.0000 | 8.90000 | -0.902500 |
| 1319 | 11.0000 | 2.35000 | -0.705000 |
| 1320 | 11.0000 | 2.35000 | -0.352500 |
| 1321 | 11.0000 | 2.35000 | -1.10000 |
| 1322 | 11.0000 | 2.35000 | -0.902500 |
| 1323 | 19.0000 | 2.35000 | -1.10000 |
| 1324 | 19.0000 | 3.98750 | -1.10000 |
| 1325 | 19.0000 | 5.62500 | -1.10000 |
| 1326 | 19.0000 | 7.26250 | -1.10000 |
| 1327 | 21.0000 | 8.90000 | -1.49500 |
| 1328 | 21.0000 | 8.90000 | -1.29750 |
| 1329 | 21.0000 | 8.90000 | -2.30000 |
| 1330 | 21.0000 | 8.90000 | -1.89750 |
| 1331 | 19.0000 | 2.35000 | -1.49500 |
| 1332 | 19.0000 | 2.35000 | -1.29750 |
| 1333 | 19.0000 | 2.35000 | -2.30000 |
| 1334 | 19.0000 | 2.35000 | -1.89750 |
| 1335 | 21.0000 | 8.90000 | -0.705000 |
| 1336 | 21.0000 | 8.90000 | -0.352500 |
| 1337 | 21.0000 | 8.90000 | -1.10000 |
| 1338 | 21.0000 | 8.90000 | -0.902500 |
| 1339 | 19.0000 | 2.35000 | -0.705000 |
| 1340 | 19.0000 | 2.35000 | -0.352500 |
| 1341 | 19.0000 | 2.35000 | -1.10000 |
| 1342 | 19.0000 | 2.35000 | -0.902500 |
| 1343 | 27.0000 | 2.35000 | -1.10000 |
| 1344 | 27.0000 | 3.98750 | -1.10000 |
| 1345 | 27.0000 | 5.62500 | -1.10000 |
| 1346 | 27.0000 | 7.26250 | -1.10000 |
| 1347 | 29.0000 | 8.90000 | -1.49500 |
| 1348 | 29.0000 | 8.90000 | -1.29750 |
| 1349 | 29.0000 | 8.90000 | -2.30000 |
| 1350 | 29.0000 | 8.90000 | -1.89750 |
| 1351 | 27.0000 | 2.35000 | -1.49500 |
| 1352 | 27.0000 | 2.35000 | -1.29750 |
| 1353 | 27.0000 | 2.35000 | -2.30000 |
| 1354 | 27.0000 | 2.35000 | -1.89750 |

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|---|---|---|---|
| 1355 | 29.0000 | 8.90000 | -0.705000 |
| 1356 | 29.0000 | 8.90000 | -0.352500 |
| 1357 | 29.0000 | 8.90000 | -1.10000 |
| 1358 | 29.0000 | 8.90000 | -0.902500 |
| 1359 | 27.0000 | 2.35000 | -0.705000 |
| 1360 | 27.0000 | 2.35000 | -0.352500 |
| 1361 | 27.0000 | 2.35000 | -1.10000 |
| 1362 | 27.0000 | 2.35000 | -0.902500 |
| 1363 | 35.0000 | 2.35000 | -1.10000 |
| 1364 | 35.0000 | 3.98750 | -1.10000 |
| 1365 | 35.0000 | 5.62500 | -1.10000 |
| 1366 | 35.0000 | 7.26250 | -1.10000 |
| 1367 | 37.0000 | 8.90000 | -1.49500 |
| 1368 | 37.0000 | 8.90000 | -1.29750 |
| 1369 | 37.0000 | 8.90000 | -2.30000 |
| 1370 | 37.0000 | 8.90000 | -1.89750 |
| 1371 | 35.0000 | 2.35000 | -1.49500 |
| 1372 | 35.0000 | 2.35000 | -1.29750 |
| 1373 | 35.0000 | 2.35000 | -2.30000 |
| 1374 | 35.0000 | 2.35000 | -1.89750 |
| 1375 | 37.0000 | 8.90000 | -0.705000 |
| 1376 | 37.0000 | 8.90000 | -0.352500 |
| 1377 | 37.0000 | 8.90000 | -1.10000 |
| 1378 | 37.0000 | 8.90000 | -0.902500 |
| 1379 | 35.0000 | 2.35000 | -0.705000 |
| 1380 | 35.0000 | 2.35000 | -0.352500 |
| 1381 | 35.0000 | 2.35000 | -1.10000 |
| 1382 | 35.0000 | 2.35000 | -0.902500 |
| 1383 | 43.0000 | 2.35000 | -1.10000 |
| 1384 | 43.0000 | 3.98750 | -1.10000 |
| 1385 | 43.0000 | 5.62500 | -1.10000 |
| 1386 | 43.0000 | 7.26250 | -1.10000 |
| 1387 | 45.0000 | 8.90000 | -1.49500 |
| 1388 | 45.0000 | 8.90000 | -1.29750 |
| 1389 | 45.0000 | 8.90000 | -2.30000 |
| 1390 | 45.0000 | 8.90000 | -1.89750 |
| 1391 | 43.0000 | 2.35000 | -1.49500 |
| 1392 | 43.0000 | 2.35000 | -1.29750 |
| 1393 | 43.0000 | 2.35000 | -2.30000 |
| 1394 | 43.0000 | 2.35000 | -1.89750 |
| 1395 | 45.0000 | 8.90000 | -0.705000 |
| 1396 | 45.0000 | 8.90000 | -0.352500 |
| 1397 | 45.0000 | 8.90000 | -1.10000 |
| 1398 | 45.0000 | 8.90000 | -0.902500 |
| 1399 | 43.0000 | 2.35000 | -0.705000 |
| 1400 | 43.0000 | 2.35000 | -0.352500 |
| 1401 | 43.0000 | 2.35000 | -1.10000 |
| 1402 | 43.0000 | 2.35000 | -0.902500 |
| 1403 | 51.2500 | 2.35000 | -1.10000 |
| 1404 | 51.2500 | 3.98750 | -1.10000 |
| 1405 | 51.2500 | 5.62500 | -1.10000 |
| 1406 | 51.2500 | 7.26250 | -1.10000 |
| 1407 | 53.2500 | 8.90000 | -1.49500 |
| 1408 | 53.2500 | 8.90000 | -1.29750 |
| 1409 | 53.2500 | 8.90000 | -2.30000 |
| 1410 | 53.2500 | 8.90000 | -1.89750 |
| 1411 | 51.2500 | 2.35000 | -1.49500 |
| 1412 | 51.2500 | 2.35000 | -1.29750 |
| 1413 | 51.2500 | 2.35000 | -2.30000 |
| 1414 | 51.2500 | 2.35000 | -1.89750 |
| 1415 | 53.2500 | 8.90000 | -0.705000 |
| 1416 | 53.2500 | 8.90000 | -0.352500 |
| 1417 | 53.2500 | 8.90000 | -1.10000 |
| 1418 | 53.2500 | 8.90000 | -0.902500 |
| 1419 | 51.2500 | 2.35000 | -0.705000 |
| 1420 | 51.2500 | 2.35000 | -0.352500 |
| 1421 | 51.2500 | 2.35000 | -1.10000 |
| 1422 | 51.2500 | 2.35000 | -0.902500 |
| 1423 | 59.7500 | 2.35000 | -1.10000 |
| 1424 | 59.7500 | 3.98750 | -1.10000 |
| 1425 | 59.7500 | 5.62500 | -1.10000 |
| 1426 | 59.7500 | 7.26250 | -1.10000 |
| 1427 | 61.7500 | 8.90000 | -1.49500 |

| | | | |
|---|---|---|---|
| 1428 | 61.7500 | 8.90000 | -1.29750 |
| 1429 | 61.7500 | 8.90000 | -2.30000 |
| 1430 | 61.7500 | 8.90000 | -1.89750 |
| 1431 | 59.7500 | 2.35000 | -1.49500 |
| 1432 | 59.7500 | 2.35000 | -1.29750 |
| 1433 | 59.7500 | 2.35000 | -2.30000 |
| 1434 | 59.7500 | 2.35000 | -1.89750 |
| 1435 | 61.7500 | 8.90000 | -0.705000 |
| 1436 | 61.7500 | 8.90000 | -0.352500 |
| 1437 | 61.7500 | 8.90000 | -1.10000 |
| 1438 | 61.7500 | 8.90000 | -0.902500 |
| 1439 | 59.7500 | 2.35000 | -0.705000 |
| 1440 | 59.7500 | 2.35000 | -0.352500 |
| 1441 | 59.7500 | 2.35000 | -1.10000 |
| 1442 | 59.7500 | 2.35000 | -0.902500 |
| 1443 | 68.0000 | 2.35000 | -1.10000 |
| 1444 | 68.0000 | 3.98750 | -1.10000 |
| 1445 | 68.0000 | 5.62500 | -1.10000 |
| 1446 | 68.0000 | 7.26250 | -1.10000 |
| 1447 | 70.0000 | 8.90000 | -1.49500 |
| 1448 | 70.0000 | 8.90000 | -1.29750 |
| 1449 | 70.0000 | 8.90000 | -2.30000 |
| 1450 | 70.0000 | 8.90000 | -1.89750 |
| 1451 | 68.0000 | 2.35000 | -1.49500 |
| 1452 | 68.0000 | 2.35000 | -1.29750 |
| 1453 | 68.0000 | 2.35000 | -2.30000 |
| 1454 | 68.0000 | 2.35000 | -1.89750 |
| 1455 | 70.0000 | 8.90000 | -0.705000 |
| 1456 | 70.0000 | 8.90000 | -0.352500 |
| 1457 | 70.0000 | 8.90000 | -1.10000 |
| 1458 | 70.0000 | 8.90000 | -0.902500 |
| 1459 | 68.0000 | 2.35000 | -0.705000 |
| 1460 | 68.0000 | 2.35000 | -0.352500 |
| 1461 | 68.0000 | 2.35000 | -1.10000 |
| 1462 | 68.0000 | 2.35000 | -0.902500 |
| 1463 | 76.0000 | 2.35000 | -1.10000 |
| 1464 | 76.0000 | 3.98750 | -1.10000 |
| 1465 | 76.0000 | 5.62500 | -1.10000 |
| 1466 | 76.0000 | 7.26250 | -1.10000 |
| 1467 | 78.0000 | 8.90000 | -1.49500 |
| 1468 | 78.0000 | 8.90000 | -1.29750 |
| 1469 | 78.0000 | 8.90000 | -2.30000 |
| 1470 | 78.0000 | 8.90000 | -1.89750 |
| 1471 | 76.0000 | 2.35000 | -1.49500 |
| 1472 | 76.0000 | 2.35000 | -1.29750 |
| 1473 | 76.0000 | 2.35000 | -2.30000 |
| 1474 | 76.0000 | 2.35000 | -1.89750 |
| 1475 | 78.0000 | 8.90000 | -0.705000 |
| 1476 | 78.0000 | 8.90000 | -0.352500 |
| 1477 | 78.0000 | 8.90000 | -1.10000 |
| 1478 | 78.0000 | 8.90000 | -0.902500 |
| 1479 | 76.0000 | 2.35000 | -0.705000 |
| 1480 | 76.0000 | 2.35000 | -0.352500 |
| 1481 | 76.0000 | 2.35000 | -1.10000 |
| 1482 | 76.0000 | 2.35000 | -0.902500 |
| 1483 | 41.0000 | 8.90000 | -2.30000 |
| 1484 | 40.0000 | 9.90000 | -2.30000 |
| 1485 | 41.0000 | 2.35000 | -2.30000 |
| 1486 | 40.0000 | 3.35000 | -2.30000 |
| 1487 | 1.00000 | 2.35000 | -2.30000 |
| 1488 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1489 | 1.00000 | 8.90000 | -2.30000 |
| 1490 | 0.000000E+00 | 9.90000 | -2.30000 |
| 1491 | 82.0000 | 2.35000 | -2.30000 |
| 1492 | 81.0000 | 3.35000 | -2.30000 |
| 1493 | 82.0000 | 8.90000 | -2.30000 |
| 1494 | 81.0000 | 9.90000 | -2.30000 |
| 1495 | 41.0000 | 5.62500 | -8.60000 |
| 1496 | 40.0000 | 6.62500 | -8.60000 |
| 1497 | 1.00000 | 5.62500 | -2.80000 |
| 1498 | 0.000000E+00 | 6.62500 | -2.80000 |
| 1499 | 82.0000 | 5.62500 | -2.80000 |
| 1500 | 81.0000 | 6.62500 | -2.80000 |

TOTAL NUMBER OF NODES = 1500
LARGEST NODE NUMBER = 1500

DATA STORAGE LOCATIONS USED = 10500

G E O M E T R I C P R O P E R T I E S

C1__F1
PROPERTY

BMI21 ELEMENTS
1 1ST NODE AREA =0.1076 IYY =0.9835E-01 IZZ =
0.4254E-02 KT =0.3325E-04 ASZ =0.4460E-01
ASY =0.6300E-01 EZ =1.241 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1076 IYY =0.9835E-01 IZZ =
0.4254E-02 KT =0.3325E-04 ASZ =0.4460E-01
ASY =0.6300E-01 EZ =1.241 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C2__F1
PROPERTY

BMI21 ELEMENTS
2 1ST NODE AREA =0.1120 IYY =0.1047 IZZ =
0.4861E-02 KT =0.4992E-04 ASZ =0.3996E-01
ASY =0.7200E-01 EZ =1.325 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1120 IYY =0.1047 IZZ =
0.4861E-02 KT =0.4992E-04 ASZ =0.3996E-01
ASY =0.7200E-01 EZ =1.325 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C3__F1
PROPERTY

BMI21 ELEMENTS
3 1ST NODE AREA =0.1296 IYY =0.1268 IZZ =
0.6076E-02 KT =0.8828E-04 ASZ =0.3960E-01
ASY =0.9000E-01 EZ =1.300 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1296 IYY =0.1268 IZZ =
0.6076E-02 KT =0.8828E-04 ASZ =0.3960E-01
ASY =0.9000E-01 EZ =1.300 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C4__F1
PROPERTY

BMI21 ELEMENTS
4 1ST NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS
5 1ST NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS
6 1ST NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19
2ND NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS
7 1ST NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS
8 1ST NODE AREA =10.75 IYY =1.579 IZZ =
67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =-0.2305E-11
2ND NODE AREA =10.75 IYY =1.579 IZZ =
67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =-0.2305E-11

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS
9 1ST NODE AREA =78.66 IYY =312.1 IZZ =
851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =78.66 IYY =312.1 IZZ =
851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)
PROPERTY

BMI21 ELEMENTS
10 1ST NODE AREA =1.595 IYY =0.1608 IZZ =
0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.595 IYY =0.1608 IZZ =
0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Offset
PROPERTY

BMI21 ELEMENTS
11 1ST NODE AREA =1.000 IYY =1.000 IZZ =
1.000 KT =1.000 ASZ =1.000

ASY =1.000 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.000 IYY =1.000 IZZ =
1.000 KT =1.000 ASZ =1.000
ASY =1.000 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)
PROPERTY

BMI21 ELEMENTS
12 1ST NODE AREA =0.1628E-01 IYY =0.1869E-03 IZZ =
0.1568E-03 KT =0.1843E-05 ASZ =0.4391E-02
ASY =0.7966E-02 EZ =0.8800E-01 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1628E-01 IYY =0.1869E-03 IZZ =
0.1568E-03 KT =0.1843E-05 ASZ =0.4391E-02
ASY =0.7966E-02 EZ =0.8800E-01 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

S=0.3m
PROPERTY

QTS4 ELEMENTS
14 EZ = -0.1500 T1 = 0.3000 T2 = 0.3000 T3
= 0.3000 T4 = 0.3000

G E O M E T R I C P R O P E R T I E S

Ecc0
PROPERTY

JSH4 ELEMENTS
13 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 678

G E O M E T R I C A S S I G N M E N T S

| FIRST ELEMENT | LAST ELEMENT | DIFF-ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|---|---|---|---|---|
| 1 | 0 | 0 | 13 | 21 |
| 2 | 0 | 0 | 9 | 18 |
| 3 | 5 | 1 | 8 | 17 |
| 6 | 8 | 1 | 11 | 20 |
| 9 | 10 | 1 | 13 | 21 |
| 11 | 13 | 1 | 11 | 20 |

| | | | | |
|---|---|---|---|---|
| 14 | 19 | 1 | 10 | 19 |
| 20 | 25 | 1 | 13 | 21 |
| 26 | 31 | 1 | 6 | 15 |
| 32 | 67 | 1 | 12 | 22 |
| 68 | 73 | 1 | 6 | 15 |
| 74 | 109 | 1 | 12 | 22 |
| 110 | 115 | 1 | 6 | 15 |
| 116 | 151 | 1 | 12 | 22 |
| 152 | 157 | 1 | 6 | 15 |
| 158 | 193 | 1 | 12 | 22 |
| 194 | 0 | 0 | 7 | 16 |
| 195 | 203 | 1 | 5 | 14 |
| 204 | 0 | 0 | 7 | 16 |
| 205 | 213 | 1 | 5 | 14 |
| 214 | 215 | 1 | 7 | 16 |
| 216 | 224 | 1 | 5 | 14 |
| 225 | 0 | 0 | 7 | 16 |
| 226 | 234 | 1 | 5 | 14 |
| 235 | 236 | 1 | 7 | 16 |
| 237 | 245 | 1 | 5 | 14 |
| 246 | 0 | 0 | 7 | 16 |
| 247 | 255 | 1 | 5 | 14 |
| 256 | 257 | 1 | 7 | 16 |
| 258 | 266 | 1 | 5 | 14 |
| 267 | 0 | 0 | 7 | 16 |
| 268 | 276 | 1 | 5 | 14 |
| 277 | 0 | 0 | 7 | 16 |
| 278 | 313 | 1 | 12 | 22 |
| 314 | 319 | 1 | 6 | 15 |
| 320 | 355 | 1 | 12 | 22 |
| 356 | 361 | 1 | 6 | 15 |
| 362 | 397 | 1 | 12 | 22 |
| 398 | 403 | 1 | 6 | 15 |
| 404 | 439 | 1 | 12 | 22 |
| 440 | 445 | 1 | 6 | 15 |
| 446 | 557 | 1 | 14 | 13 |
| 558 | 564 | 1 | 1 | 9 |
| 565 | 572 | 1 | 2 | 10 |
| 573 | 580 | 1 | 3 | 11 |
| 581 | 588 | 1 | 4 | 12 |
| 589 | 596 | 1 | 3 | 11 |
| 597 | 605 | 1 | 2 | 10 |
| 606 | 613 | 1 | 1 | 9 |
| 614 | 837 | 1 | 14 | 13 |
| 838 | 844 | 1 | 1 | 9 |
| 845 | 852 | 1 | 2 | 10 |
| 853 | 860 | 1 | 3 | 11 |
| 861 | 868 | 1 | 4 | 12 |
| 869 | 876 | 1 | 3 | 11 |
| 877 | 885 | 1 | 2 | 10 |
| 886 | 893 | 1 | 1 | 9 |
| 894 | 1005 | 1 | 14 | 13 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 58
TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 14

DATA STORAGE LOCATIONS USED = 3015

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_spalle
8 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1260E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

Incastro
9 KX = 0.3000E+10 KY = 0.3000E+10 KZ = 0.3000E+10 KTX
= 0.3000E+10 KTY = 0.3000E+10 KTZ = 0.3000E+10

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_pila
10 KX = 0.2990E+07 KY = 0.2990E+07 KZ = 0.1871E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel (elastic)
1 E = 0.2100E+12 NU = 0.3000 RHO = 7850. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)
2 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
3 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
4 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
5 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
7 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 468

M A T E R I A L A S S I G N M E N T S

FIRST LAST DIFF- MATERIAL NSET STRESS POTENTIAL/
CREEP DAMAGE LusasM VISCOELASTIC TWO PHASE SHRINKAGE KO
SMEARED_REINFORCEMENT
ELEMENT ELEMENT ERENCE SET PLASTIC DATA SET
SET SET ID NO. SET MATERIAL SET SET SET
SET

1 0 0 9 0 0
0 0 17 0 0 0
0 0
2 5 1 2 0 0
0 0 5 0 0 0
0 0

```
  6          8          1          4          0          0
  0        0       15          0          0           0
  0             0
  9         10          1          9          0          0
  0        0       17          0          0           0
  0             0
 11         13          1          4          0          0
 0        0       15          0          0          0         0
 0
 14         19          1          2          0          0
 0        0        5          0          0          0         0
 0
 20          0          0          8          0          0
 0        0       16          0          0          0         0
 0
 21          0          0         10          0          0
 0        0       23          0          0          0         0
 0
 22         23          1          8          0          0
 0        0       16          0          0          0         0
 0
 24          0          0         10          0          0
 0        0       23          0          0          0         0
 0
 25          0          0          8          0          0
 0        0       16          0          0          0         0
 0
 26        109          1          3          0          0
 0        0       14          0          0          0         0
 0
110        193          1          4          0          0
0        0       15          0          0          0         0
0
194        277          1          1          0          0
0        0        1          0          0          0         0
0
278        361          1          4          0          0
0        0       15          0          0          0         0
0
362        445          1          3          0          0
0        0       14          0          0          0         0
0
446        467          1          2          0          0
0        0        5          0          0          0         0
0
468          0          0          5          0          0
0        0       20          0          0          0         0
0
469        476          1          7          0          0
0        0       22          0          0          0         0
0
477          0          0          6          0          0
0        0       21          0          0          0         0
0
478        523          1          2          0          0
0        0        5          0          0          0         0
0
524          0          0          5          0          0
0        0       20          0          0          0         0
0
525        532          1          7          0          0
0        0       22          0          0          0         0
0
533          0          0          6          0          0
0        0       21          0          0          0         0
0
534        557          1          2          0          0
0        0        5          0          0          0         0
0
558        613          1          1          0          0
0        0        1          0          0          0         0
0
614        635          1          2          0          0
```

```
0       0       5       0       0       0       0
0
636     0       0       5       0       0
0       0       20      0       0       0       0
0
637     644     1       7       0       0
0       0       22      0       0       0       0
0
645     0       0       6       0       0
0       0       21      0       0       0       0
0
646     691     1       2       0       0
0       0       5       0       0       0       0
0
692     0       0       5       0       0
0       0       20      0       0       0       0
0
693     700     1       7       0       0
0       0       22      0       0       0       0
0
701     0       0       6       0       0
0       0       21      0       0       0       0
0
702     747     1       2       0       0
0       0       5       0       0       0       0
0
748     0       0       5       0       0
0       0       20      0       0       0       0
0
749     756     1       7       0       0
0       0       22      0       0       0       0
0
757     0       0       6       0       0
0       0       21      0       0       0       0
0
758     803     1       2       0       0
0       0       5       0       0       0       0
0
804     0       0       5       0       0
0       0       20      0       0       0       0
0
805     812     1       7       0       0
0       0       22      0       0       0       0
0
813     0       0       6       0       0
0       0       21      0       0       0       0
0
814     837     1       2       0       0
0       0       5       0       0       0       0
0
838     893     1       1       0       0
0       0       1       0       0       0       0
0
894     915     1       2       0       0
0       0       5       0       0       0       0
0
916     0       0       5       0       0
0       0       20      0       0       0       0
0
917     924     1       7       0       0
0       0       22      0       0       0       0
0
925     0       0       6       0       0
0       0       21      0       0       0       0
0
926     971     1       2       0       0
0       0       5       0       0       0       0
0
972     0       0       5       0       0
0       0       20      0       0       0       0
0
973     980     1       7       0       0
0       0       22      0       0       0       0
```

```
            0
            981         0         0        6       0            0
            0       0      21         0         0              0       0
            0
            982      1005         1        2       0            0
            0       0       5         0         0              0       0
            0

        TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS =        53


        F R E E D O M   T E M P L A T E

     COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM.
     COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM.
         1     2     3     4     5     6     7     8     9    10    11
         12    13    14    15    16    17    18    19    20    21
      U     V     W     THX   THY   THZ



        S U P P O R T   N O D E S


        F = FREE
        R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
        S = SPRING

    FIRST    LAST    DIFF       SUPPORT SPRING SUPPORT SPRING SUPPORT
    SPRING SUPPORT SPRING SUPPORT SPRING SUPPORT SPRING SUPPORT
     NODE    NODE    RNCE     CONDITION       CONSTANT       CONSTANT
     CONSTANT       CONSTANT       CONSTANT       CONSTANT
                                       OR PRESCRIBED  OR PRESCRIBED  OR
                                       PRESCRIBED  OR PRESCRIBED  OR
                                       PRESCRIBED  OR PRESCRIBED
                                              VALUE          VALUE
                                              VALUE          VALUE
                                              VALUE          VALUE
                                       FREEDOM     U  FREEDOM     V
                                       FREEDOM     W  FREEDOM   THX
                                       FREEDOM   THY  FREEDOM   THZ
        1       9       8  R R R R R R    0.000000E+00   0.000000E+00
        0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
       13       0       0  R R R R R R    0.000000E+00   0.000000E+00
       0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00

        TOTAL NUMBER OF SUPPORT NODES                =             3
        LARGEST NODE NUMBER                          =            13

        DATA STORAGE LOCATIONS USED                  =           162



        L O A D   C A S E       21

  Vento

          CONCENTRATED LOAD
    FIRST    LAST    DIFF          FORCE          FORCE          FORCE
    FORCE          FORCE          FORCE
     NODE    NODE    RNCE             FX             FY             FZ
     MX             MY             MZ
        3       0       0   0.00000E+00    780.00       0.00000E+00
        0.00000E+00   0.00000E+00   0.00000E+00
        4       0       0   0.00000E+00    1560.0       0.00000E+00
        0.00000E+00   0.00000E+00   0.00000E+00
        5       0       0   0.00000E+00    1560.0       0.00000E+00
        0.00000E+00   0.00000E+00   0.00000E+00
       11       0       0   0.00000E+00    780.00       0.00000E+00
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
422       0       0   0.00000E+00    7950.0       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
423     425       1   0.00000E+00    15900.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
426     427       1   0.00000E+00    15900.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
428       0       0   0.00000E+00    19875.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
429       0       0   0.00000E+00    23850.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
430       0       0   0.00000E+00    19875.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
431       0       0   0.00000E+00    15900.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
432       0       0   0.00000E+00    15900.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
433       0       0   0.00000E+00    15900.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
434     435       1   0.00000E+00    15900.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
436       0       0   0.00000E+00    19875.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
437       0       0   0.00000E+00    23850.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
438       0       0   0.00000E+00    19875.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
439       0       0   0.00000E+00    15900.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
440     442       1   0.00000E+00    15900.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
443       0       0   0.00000E+00    15900.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
444       0       0   0.00000E+00    19875.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
445       0       0   0.00000E+00    23850.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
446       0       0   0.00000E+00    19875.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
447     448       1   0.00000E+00    15900.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
449       0       0   0.00000E+00    15900.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
450     451       1   0.00000E+00    15900.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
452       0       0   0.00000E+00    19875.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
453       0       0   0.00000E+00    23850.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
454       0       0   0.00000E+00    20372.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
455     456       1   0.00000E+00    16894.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
457       0       0   0.00000E+00    16894.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
458     459       1   0.00000E+00    16894.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
460       0       0   0.00000E+00    17391.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
461       0       0   0.00000E+00    17142.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
462       0       0   0.00000E+00    16397.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
463       0       0   0.00000E+00    16645.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
464       0       0   0.00000E+00    16894.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
465       0       0   0.00000E+00    16894.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
466       0       0   0.00000E+00    16397.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
467       0       0   0.00000E+00    15900.       0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
```

```
468        0        0   0.00000E+00    15900.        0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
469        0        0   0.00000E+00    13913.        0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
470        0        0   0.00000E+00    14906.        0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
471        0        0   0.00000E+00    17888.        0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
472        0        0   0.00000E+00    16894.        0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
473        0        0   0.00000E+00    15900.        0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
474      477        1   0.00000E+00    15900.        0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
478        0        0   0.00000E+00    7950.0        0.00000E+00
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00    424.67
0.00000E+00   0.00000E+00   0.00000E+00
537      541        1   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00    1061.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00    1274.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00    1061.7
0.00000E+00   0.00000E+00   0.00000E+00
545      546        1   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
548      549        1   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00    1061.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00    1274.0
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00    1061.7
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
554      556        1   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00    1061.7
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00    1274.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00    1061.7
0.00000E+00   0.00000E+00   0.00000E+00
561      562        1   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
564      565        1   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00    1061.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00    1274.0
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00    1088.2
0.00000E+00   0.00000E+00   0.00000E+00
569      570        1   0.00000E+00   0.00000E+00    902.42
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00    902.42
0.00000E+00   0.00000E+00   0.00000E+00
572      573        1   0.00000E+00   0.00000E+00    902.42
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00    928.96
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00    915.69
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00    875.87
```

```
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00    889.15
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00    902.42
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00    902.42
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00    875.87
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00    743.17
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00    796.25
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00    955.50
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00    902.42
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
588      591        1   0.00000E+00   0.00000E+00    849.33
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00    424.67
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -424.67
0.00000E+00   0.00000E+00   0.00000E+00
765      769        1   0.00000E+00   0.00000E+00   -849.33
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -1061.7
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -1274.0
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -1061.7
0.00000E+00   0.00000E+00   0.00000E+00
773      774        1   0.00000E+00   0.00000E+00   -849.33
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -849.33
0.00000E+00   0.00000E+00   0.00000E+00
776      777        1   0.00000E+00   0.00000E+00   -849.33
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -1061.7
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -1274.0
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -1061.7
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -849.33
0.00000E+00   0.00000E+00   0.00000E+00
782      784        1   0.00000E+00   0.00000E+00   -849.33
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -849.33
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -1061.7
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -1274.0
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -1061.7
0.00000E+00   0.00000E+00   0.00000E+00
789      790        1   0.00000E+00   0.00000E+00   -849.33
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -849.33
0.00000E+00   0.00000E+00   0.00000E+00
792      793        1   0.00000E+00   0.00000E+00   -849.33
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -1061.7
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -1274.0
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -1088.2
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 797 | 798 | 1 | 0.00000E+00 | 0.00000E+00 | -902.42 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 799 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -902.42 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 800 | 801 | 1 | 0.00000E+00 | 0.00000E+00 | -902.42 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 802 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -928.96 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 803 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -915.69 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 804 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -875.87 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 805 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -889.15 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 806 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -902.42 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 807 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -902.42 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 808 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -875.87 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 809 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -849.33 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 810 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -849.33 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 811 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -743.17 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 812 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -796.25 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 813 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -955.50 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 814 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -902.42 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 815 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -849.33 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 816 | 819 | 1 | 0.00000E+00 | 0.00000E+00 | -849.33 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 820 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -424.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 175
LARGEST NODE OR ELEMENT NUMBER = 820

L O A D C A S E 22

DTN_Contraction

TMPE LOAD INPUT

NUMBER OF VALUES = 8 START LOCATION = 1

| ELEMENT | NODE | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 | VALUE 7 |
|---|---|---|---|---|---|---|---|---|
| 446 | 422 | -14.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 446 | 423 | -14.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 446 | 479 | -14.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

```
                    0.000000E+00
446       480    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
447       423    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
447       424    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
447       480    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
447       481    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
448       424    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
448       425    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
448       481    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
448       482    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
449       425    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
449       426    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
449       482    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
449       483    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
450       426    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
450       427    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
450       483    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
450       484    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
451       427    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
451       428    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
451       484    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
451       485    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
452       428    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
452       429    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
452       485    -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
```

```
452       486   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
453       429   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
453       430   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
453       486   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
453       487   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       430   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       431   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       487   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       488   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       431   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       432   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       488   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       489   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       432   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       433   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       489   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       490   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       433   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       434   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       490   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       491   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       434   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       435   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       491   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       492   -14.0000       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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459       435   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       436   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       492   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       493   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       436   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       437   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       493   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       494   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       437   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       438   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       494   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       495   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       438   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       439   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       495   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       496   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       439   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       440   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       496   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       497   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       440   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       441   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       497   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       498   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
465       441   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
465       442   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
465       498   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
465       499   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
466       442   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
466       443   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
466       499   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
466       500   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
467       443   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
467       444   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
467       500   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
467       501   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
468       444   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
468       445   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
468       501   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
468       502   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
469       445   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
469       446   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
469       502   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
469       503   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
470       446   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
470       447   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
470       503   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
470       504   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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471       447   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
471       448   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
471       504   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
471       505   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
472       448   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
472       449   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
472       505   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
472       506   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
473       449   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
473       450   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
473       506   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
473       507   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
474       450   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
474       451   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
474       507   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
474       508   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
475       451   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
475       452   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
475       508   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
475       509   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       452   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       453   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       509   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       510   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       453   -14.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       454   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       510   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       511   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
478       454   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
478       455   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
478       511   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
478       512   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
479       455   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
479       456   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
479       512   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
479       513   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
480       456   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
480       457   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
480       513   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
480       514   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
481       457   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
481       458   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
481       514   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
481       515   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
482       458   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
482       459   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
482       515   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
482       516   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
483       459   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
483       460   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
483       516   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
483       517   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
484       460   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
484       461   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
484       517   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
484       518   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
485       461   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
485       462   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
485       518   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
485       519   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
486       462   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
486       463   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
486       519   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
486       520   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
487       463   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
487       464   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
487       520   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
487       521   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
488       464   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
488       465   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
488       521   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
488       522   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
489       465   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
489       466   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
489       522   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
489       523   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
490       466   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
490       467   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
490       523   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
490       524   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       467   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       468   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       524   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       525   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
492       468   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
492       469   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
492       525   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
492       526   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
493       469   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
493       470   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
493       526   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
493       527   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       470   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       471   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       527   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       528   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       471   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       472   -14.0000       0.000000E+00   0.000000E+00
```

```
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 495       528   -14.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
 495       529   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 496       472   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 496       473   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 496       529   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 496       530   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 497       473   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 497       474   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 497       530   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 497       531   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 498       474   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 498       475   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 498       531   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 498       532   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 499       475   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 499       476   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 499       532   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 499       533   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 500       476   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 500       477   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 500       533   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 500       534   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 501       477   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 501       478   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
501       534   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
501       535   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
502       479   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
502       480   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
502       536   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
502       537   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
503       480   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
503       481   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
503       537   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
503       538   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
504       481   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
504       482   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
504       538   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
504       539   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
505       482   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
505       483   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
505       539   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
505       540   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
506       483   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
506       484   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
506       540   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
506       541   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
507       484   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
507       485   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
507       541   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
507       542   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       485   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       542   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       543   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       486   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       487   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       543   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       544   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       487   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       488   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       544   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       545   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
511       488   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
511       489   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
511       545   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
511       546   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
512       489   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
512       490   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
512       546   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
512       547   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
513       490   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
513       491   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
513       547   -14.0000       0.000000E+00   0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 513       548   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 514       491   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 514       492   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 514       548   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 514       549   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 515       492   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 515       493   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 517       494   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 517       551   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 518       495   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 518       496   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 518       552   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 519       496   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 519       497   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 519       553   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
519       554   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
520       497   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
520       498   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
520       554   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
520       555   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
521       498   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
521       499   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
521       555   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
521       556   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
522       499   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
522       500   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
522       556   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
522       557   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
523       500   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
523       558   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
524       502   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
524       558   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
524       559   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
525       502   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
525       503   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
525       559   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       525       560   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       526       503   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       526       560   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       527       505   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       527       561   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       527       562   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       528       505   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       528       506   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       528       562   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       529       506   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       529       507   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       529       563   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       529       564   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       530       507   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       530       508   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       530       564   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       530       565   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       531       565   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       531       566   -14.0000        0.000000E+00   0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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                0.000000E+00
532       510   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
532       566   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       510   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       511   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       567   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       568   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       511   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       512   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       568   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       513   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       569   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       570   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       513   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       514   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       570   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       571   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
537       514   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
537       515   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
537       571   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
537       572   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
538       516   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
538       572   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
538       573   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
539       516   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
539       517   -14.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
539       573   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
539       574   -14.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
540       517   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
540       518   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
541       518   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
541       519   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
541       575   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
541       576   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
542       519   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
542       520   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
542       576   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
542       577   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
543       520   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
543       521   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
543       577   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
543       578   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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544       521   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
544       522   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
544       578   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
544       579   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
545       522   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
545       523   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
545       579   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
545       580   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
546       523   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
546       524   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
546       580   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
547       582   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       525   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       526   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       582   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       583   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       526   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       527   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       583   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       584   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
550       527   -14.0000       0.000000E+00   0.000000E+00
```

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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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550       528   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
550       584   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
550       585   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
551       528   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
551       585   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
551       586   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
552       529   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
552       530   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
552       586   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
552       587   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
553       530   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
553       531   -14.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
553       588   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
554       531   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
554       588   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
554       589   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
555       532   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
555       533   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
555       589   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
555       590   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
556       533   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
556       534   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
556       590   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
556       591   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
557       534   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
557       535   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
557       591   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
557       592   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
558       536   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
559       537   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
559       538   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
560       538   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
560       539   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
561       539   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
561       540   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
562       540   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
562       541   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
564       543   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
565       543   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
565       544   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
566       544   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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566       545   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
567       546   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
568       546   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
568       547   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
569       547   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
569       548   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
570       548   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
570       549   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
571       549   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
571       550   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
572       550   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
572       551   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
573       551   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
573       552   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
574       552   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
575       553   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
575       554   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
576       554   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
576       555   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
577       555   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
577       556   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
578       556   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
578       557   -14.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
579       558   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
580       558   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
580       559   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
581       559   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
581       560   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
582       560   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
582       561   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
583       561   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
583       562   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
584       562   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
584       563   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
585       563   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
585       564   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
586       564   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
586       565   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
587       565   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
587       566   -14.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
588       566   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
588       567   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
589       567   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
589       568   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
590       568   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
590       569   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
591       570   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
592       570   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
592       571   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
593       571   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
593       572   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
594       572   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
594       573   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
595       573   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
595       574   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
596       574   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
596       575   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
597       575   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
597       576   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
598       576   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
598       577   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
599       577   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
599       578   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
600       578   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
600       579   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
601       579   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
601       580   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
602       580   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
602       581   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
603       581   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
603       582   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
604       582   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
604       583   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
605       583   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
605       584   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
606       584   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
606       585   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
607       585   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
607       586   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
608       586   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
608       587   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
609       587   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
609       588   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
610       588   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
610       589   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
611       589   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
611       590   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
612       590   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
612       591   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
613       591   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
613       592   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
614       536   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
614       537   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
614       593   -14.0000       0.000000E+00   0.000000E+00
```

```
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
614       594   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
615       537   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
615       538   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
615       594   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
615       595   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
616       538   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
616       539   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
616       595   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
616       596   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
617       539   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
617       540   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
617       596   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
617       597   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
618       540   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
618       541   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
618       597   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
618       598   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
619       541   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
619       542   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
619       598   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
619       599   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
620       542   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
620       543   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
620       599   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 621       543   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 621       544   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 621       600   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 621       601   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 622       544   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 622       545   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 622       601   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 622       602   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 623       545   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 623       546   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 623       602   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 623       603   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 624       546   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 624       547   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 624       603   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 624       604   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 625       547   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 625       548   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 625       604   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 625       605   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 626       548   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 626       549   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 626       605   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       626       606   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       627       549   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       627       550   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       627       606   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       627       607   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       628       550   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       628       551   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       628       607   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       628       608   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       629       551   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       629       552   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       629       608   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       629       609   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       630       552   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       630       553   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       630       609   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       630       610   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       631       553   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       631       554   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       631       610   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       631       611   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       632       554   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       632       555   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       632       611   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       632       612   -14.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
633       555   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
633       556   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
633       612   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
633       613   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       556   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       557   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       613   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       614   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
635       557   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
635       558   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
635       614   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
635       615   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
636       558   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
636       559   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
636       615   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
636       616   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
637       559   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
637       560   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
637       616   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
637       617   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
638       560   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
638       561   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
638       617   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
638       618   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
639       561   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
639       562   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
639       618   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
639       619   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
640       562   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
640       563   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
640       619   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
640       620   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
641       563   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
641       564   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
641       620   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
641       621   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
642       564   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
642       565   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
642       621   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
642       622   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
643       565   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
643       566   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
643       622   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
643       623   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
644       566   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
644       567   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
644       623   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
644       624   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
645       567   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       568   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       624   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       625   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       568   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       569   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       625   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       626   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       569   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       570   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       626   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       627   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       570   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       571   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       627   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       628   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       571   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       572   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       628   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       629   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       572   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       573   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       629   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       630   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       573   -14.0000       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       574   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       630   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       631   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       574   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       575   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       631   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       632   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       575   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       576   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       632   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       633   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       576   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       577   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       633   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       634   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       577   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       578   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       634   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       635   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
656       578   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
656       579   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
656       635   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
656       636   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
657       579   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
657       580   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
657       636   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
657       637   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
658       580   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
658       581   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
658       637   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
658       638   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
659       581   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
659       582   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
659       638   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
659       639   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
660       582   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
660       583   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
660       639   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
660       640   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
661       583   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
661       584   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
661       640   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
661       641   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
662       584   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
662       585   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
662       641   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
662       642   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
663       585   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
663       586   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
663       642   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
663       643   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       586   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       587   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       643   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       644   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       587   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       588   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       644   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       645   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       588   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       589   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       645   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       646   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       589   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       590   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       646   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       647   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       590   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       591   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       647   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       648   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       591   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       592   -14.0000       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       648   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       649   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       593   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       594   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       650   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       651   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       594   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       595   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       651   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       652   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       595   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       596   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       652   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       653   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
673       596   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
673       597   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
673       653   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
673       654   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
674       597   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
674       598   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
674       654   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
674       655   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
675       598   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
675       599   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
675       655   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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675       656   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
676       599   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
676       600   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
676       656   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
676       657   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
677       600   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
677       601   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
677       657   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
677       658   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
678       601   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
678       602   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
678       658   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
678       659   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
679       659   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
679       660   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
680       660   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
680       661   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
681       604   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
681       605   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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       681       662   -14.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
       682       605   -14.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
       682       606   -14.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
       682       662   -14.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       683       607   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       683       663   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       683       664   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       684       607   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       684       608   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       684       664   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       684       665   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       685       608   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       685       609   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       685       665   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       685       666   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       686       609   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       686       610   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       686       666   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       686       667   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       687       610   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       687       611   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       687       667   -14.0000       0.000000E+00   0.000000E+00
```

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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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                 0.000000E+00
 688       611   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 688       612   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 688       668   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 688       669   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 689       612   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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                 0.000000E+00
 689       669   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 689       670   -14.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
 690       613   -14.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
 690       614   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 690       670   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 690       671   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 691       614   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 691       615   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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                 0.000000E+00
 691       672   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 692       615   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 692       616   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 692       672   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 692       673   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 693       616   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 693       617   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 693       673   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
693       674   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
694       617   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
694       618   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
694       674   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
694       675   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
695       618   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
695       619   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
695       675   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
695       676   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
696       619   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
696       620   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
696       676   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
696       677   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
697       620   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
697       678   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
698       621   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
698       622   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
698       678   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
698       679   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
699       622   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
699       623   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
699       679   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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699       680   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
700       624   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
700       680   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
700       681   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
701       624   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
701       625   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
701       681   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
701       682   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
702       625   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
702       626   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
702       682   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
702       683   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
703       626   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
703       627   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
703       683   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
703       684   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
704       627   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
704       628   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
704       684   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
704       685   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
705       628   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
705       629   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
705       685   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
705       686   -14.0000       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
706       629   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
706       630   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
706       686   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
706       687   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
707       630   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
707       631   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
707       687   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
707       688   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
708       631   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
708       632   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
708       688   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
708       689   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
709       632   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
709       633   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
709       689   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
709       690   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
710       633   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
710       634   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
710       690   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
710       691   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
711       634   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
711       635   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
711       691   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
711       692   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
712       635   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
712       636   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
712       692   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
712       693   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
713       636   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
713       637   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
713       693   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
713       694   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
714       637   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
714       638   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
714       694   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
714       695   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
715       638   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
715       639   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
715       695   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
715       696   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
716       639   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
716       640   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
716       696   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
716       697   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
717       640   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
717       641   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
717       697   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
717       698   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       718       641   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       718       642   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       718       698   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       718       699   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       719       642   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       719       643   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       719       699   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       719       700   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       720       643   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       720       644   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       720       700   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       720       701   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       721       644   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       721       645   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       721       701   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       721       702   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       722       645   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       722       646   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       722       702   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       722       703   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       723       646   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       723       647   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       723       703   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       723       704   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       724       647   -14.0000       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       648   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       704   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       705   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       648   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       649   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       705   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       706   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       650   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       651   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       707   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       708   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       651   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       652   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       708   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       709   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       652   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       653   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       709   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       710   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
729       653   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
729       654   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
729       710   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
729       711   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
730       654   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
730       655   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
730       711   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
730       712   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
731       655   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
731       656   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
731       712   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
731       713   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
732       656   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
732       657   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
732       713   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
732       714   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
733       657   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
733       658   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
733       714   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
733       715   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
734       658   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
734       659   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
734       715   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
734       716   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
735       659   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
735       660   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
735       716   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
735       717   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
736       660   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       736       661   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       736       717   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       736       718   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       737       661   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       737       662   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       737       719   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       738       662   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       738       663   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       738       719   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       738       720   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       739       663   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       739       664   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       739       720   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       739       721   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       740       664   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       740       665   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       740       721   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       740       722   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       741       665   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       741       666   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       741       722   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       741       723   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       742       666   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       742       667   -14.0000       0.000000E+00   0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 743       667   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 743       668   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 743       724   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 743       725   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 744       668   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 744       669   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 744       725   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 744       726   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 745       669   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 745       670   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 745       726   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 745       727   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 746       670   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 746       671   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 746       727   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 746       728   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 747       671   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 747       672   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 747       728   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 747       729   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 748       672   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 748       673   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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748       729   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
748       730   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
749       673   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
749       674   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
749       730   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
749       731   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
750       675   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
750       731   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
750       732   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
751       675   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
751       676   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
751       732   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
751       733   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
752       676   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
752       677   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
752       733   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
752       734   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
753       678   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
753       734   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
753       735   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
754       678   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
754       679   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       754       735   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       754       736   -14.0000       0.000000E+00   0.000000E+00
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                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       755       680   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       755       736   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       755       737   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       756       681   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       756       737   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       756       738   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       757       681   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       757       682   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       757       738   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       757       739   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       758       682   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       758       683   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       758       739   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       758       740   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       759       683   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       759       740   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       759       741   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       760       684   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       760       685   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       760       741   -14.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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760       742   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
761       685   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       686   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       742   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       743   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       686   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       687   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       743   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       744   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
763       687   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
763       688   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
763       744   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
763       745   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
764       688   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
764       689   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
764       745   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
764       746   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
765       689   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
765       690   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
765       746   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
765       747   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
766       690   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
766       691   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
766       747   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
766       748   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
767       691   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
767       692   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
767       748   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
767       749   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
768       692   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
768       693   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
768       749   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
768       750   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
769       693   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
769       694   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
769       750   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
769       751   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
770       694   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
770       695   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
770       751   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
770       752   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
771       695   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
771       696   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
771       752   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
771       753   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
772       696   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
772       697   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
772       753   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
772       754   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       697   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       698   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       754   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       755   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
774       698   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
774       699   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
774       755   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
774       756   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       699   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       700   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       756   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       757   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       700   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       701   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       757   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       758   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       701   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       702   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       758   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       759   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       702   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       703   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       759   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       760   -14.0000       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       703   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       704   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       760   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       761   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       704   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       705   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       761   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       762   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       705   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       706   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       762   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       763   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
782       707   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
782       708   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
782       764   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
782       765   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
783       708   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
783       709   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
783       765   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
783       766   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
784       709   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
784       710   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
784       766   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
784       767   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
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 785       710   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 785       711   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 785       767   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 785       768   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 786       711   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 786       712   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 786       768   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 786       769   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 787       712   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 787       713   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 787       769   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 787       770   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 788       713   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 788       714   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 788       770   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 788       771   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 789       714   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 789       715   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 789       771   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 789       772   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 790       715   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 790       716   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 790       772   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 790       773   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       791       716   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       791       717   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       791       773   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       791       774   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       792       717   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       792       718   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       792       774   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       792       775   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       793       718   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       793       719   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       793       775   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       793       776   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       794       719   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       794       720   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       794       776   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       794       777   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       795       720   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       795       721   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       795       777   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       795       778   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       796       721   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       796       722   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       796       778   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       796       779   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       797       722   -14.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
797       779   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
797       780   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       723   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       724   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       780   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       781   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
799       724   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
799       725   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
799       781   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
799       782   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
800       725   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
800       726   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
800       782   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
800       783   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
801       726   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
801       727   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
801       783   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
801       784   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
802       727   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
802       728   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
802       784   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
802       785   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
803       728   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
803       729   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
803       785   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
803       786   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
804       729   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
804       730   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
804       786   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
804       787   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
805       730   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
805       731   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
805       787   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
805       788   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
806       731   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
806       732   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
806       788   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
806       789   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
807       732   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
807       733   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
807       789   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
807       790   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
808       733   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
808       734   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
808       790   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
808       791   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
809       734   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
809       735   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
809       791   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
809       792   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
810       735   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
810       736   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
810       792   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
810       793   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
811       736   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
811       737   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
811       793   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
811       794   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
812       737   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
812       738   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
812       794   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
812       795   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
813       738   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
813       739   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
813       795   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
813       796   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
814       739   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
814       740   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
814       796   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
814       797   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
815       740   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
815       741   -14.0000       0.000000E+00   0.000000E+00
```

```
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 815       797   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 815       798   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 816       741   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 816       742   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 816       798   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 816       799   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 817       742   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 817       743   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 817       799   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 817       800   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 818       743   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 818       744   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 818       800   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 818       801   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 819       744   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 819       745   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 819       801   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 819       802   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 820       745   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 820       746   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 820       802   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 820       803   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 821       746   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 821       747   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
821       803   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
821       804   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
822       747   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
822       748   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
822       804   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
822       805   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
823       748   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
823       749   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
823       805   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
823       806   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
824       749   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
824       750   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
824       806   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
824       807   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
825       750   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
825       751   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
825       807   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
825       808   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
826       751   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
826       752   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
826       808   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
826       809   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
827       752   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
827       753   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
827       809   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
827       810   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
828       753   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
828       754   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
828       810   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
828       811   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
829       754   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
829       755   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
829       811   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
829       812   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
830       755   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
830       756   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
830       812   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
830       813   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
831       756   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
831       757   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
831       813   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
831       814   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       757   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       758   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       814   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       815   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       758   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       759   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       815   -14.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       816   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       759   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       760   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       816   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       817   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       760   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       761   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       817   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       818   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       761   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       762   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       818   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       819   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       762   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       763   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       819   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       820   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
838       764   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
838       765   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
839       765   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
839       766   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
840       766   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
840       767   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
841       767   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
841       768   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
842       768   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
842       769   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
843       769   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
843       770   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
844       770   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
844       771   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
845       771   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
845       772   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
846       772   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
846       773   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
847       773   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
847       774   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
848       774   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
848       775   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
849       775   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
849       776   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
850       776   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
850       777   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
851       777   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
851       778   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
852       778   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
852       779   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
853       779   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
853       780   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
854       780   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
854       781   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
855       781   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
855       782   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
856       782   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
856       783   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
857       783   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
857       784   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
858       784   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
858       785   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
859       785   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
859       786   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
860       786   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
860       787   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
861       787   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
861       788   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
862       788   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
862       789   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
863       789   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
863       790   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
864       790   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
864       791   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
865       791   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
865       792   -14.0000       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
866       792   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
866       793   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
867       793   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
867       794   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
868       794   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
868       795   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
869       795   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
869       796   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
870       796   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
870       797   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
871       797   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
871       798   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
872       798   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
872       799   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
873       799   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
873       800   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
874       800   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
874       801   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
875       801   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
875       802   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
876       802   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
876       803   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
877       803   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
877       804   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
878       804   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
878       805   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
879       805   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
879       806   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
880       806   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
880       807   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
881       807   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
881       808   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
882       808   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
882       809   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
883       809   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
883       810   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
884       810   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
884       811   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
885       811   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
885       812   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
886       812   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
886       813   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
887       813   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
887       814   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
888       814   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
888       815   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
889       815   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
889       816   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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890       816   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
890       817   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
891       817   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
891       818   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
892       818   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
892       819   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
893       819   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
893       820   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
894       764   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
894       765   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
894       821   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
894       822   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
895       765   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
895       766   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
895       822   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
895       823   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       766   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       767   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       823   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       824   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       767   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       768   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       824   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       825   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       768   -14.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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                0.000000E+00
898       825   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       826   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
899       769   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
899       770   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       826   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       827   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
900       770   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
900       771   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
900       827   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
900       828   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
901       771   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
901       772   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
901       828   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
901       829   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
902       772   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
902       773   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
902       829   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
902       830   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
903       773   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
903       774   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
903       830   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
903       831   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
904       774   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
904       775   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
904       831   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
904       832   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
905       775   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
905       776   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
905       832   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
905       833   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
906       776   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
906       777   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
906       833   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
906       834   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
907       777   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
907       778   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
907       834   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
908       779   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
909       780   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
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909       837   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
910       780   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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0.000000E+00
910 837 -14.0000 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
910 838 -14.0000 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
911 781 -14.0000 0.000000E+00 0.000000E+00
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0.000000E+00
911 782 -14.0000 0.000000E+00 0.000000E+00
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0.000000E+00
911 838 -14.0000 0.000000E+00 0.000000E+00
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911 839 -14.0000 0.000000E+00 0.000000E+00
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0.000000E+00
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915 786 -14.0000 0.000000E+00 0.000000E+00
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0.000000E+00
916 786 -14.0000 0.000000E+00 0.000000E+00
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0.000000E+00
916 787 -14.0000 0.000000E+00 0.000000E+00

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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 919       846   -14.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
 919       847   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 920       791   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 920       847   -14.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
 920       848   -14.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
 921       792   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 921       848   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 921       849   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 922       792   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 922       793   -14.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
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 923       793   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 923       794   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
 923       850   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
 923       851   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
 924       794   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 924       795   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 924       851   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 924       852   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 925       795   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 925       796   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 925       852   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 925       853   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 926       796   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 926       797   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 926       853   -14.0000        0.000000E+00   0.000000E+00
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                  0.000000E+00
 926       854   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 927       797   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 927       798   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 927       854   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 927       855   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 928       798   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 928       799   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       928       855   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       928       856   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       929       799   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       929       800   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       929       856   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       929       857   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       930       800   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       930       801   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       930       857   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       930       858   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       931       801   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       931       802   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       931       858   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       931       859   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       932       802   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       932       803   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       932       859   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       932       860   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       933       803   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       933       804   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       933       860   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       933       861   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       934       804   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       934       805   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       934       861   -14.0000       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
934       862   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
935       805   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
935       806   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
935       862   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
935       863   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
936       806   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
936       807   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
936       863   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
936       864   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
937       807   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
937       808   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
937       864   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
937       865   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
938       808   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
938       809   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
938       865   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
938       866   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
939       809   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
939       810   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
939       866   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
939       867   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
940       810   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
940       811   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
940       867   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
940       868   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
941       811   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
941       812   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
941       868   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
941       869   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
942       812   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
942       813   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
942       869   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
942       870   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
943       813   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
943       814   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
943       870   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
943       871   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
944       814   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
944       815   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
944       871   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
944       872   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
945       815   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
945       816   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
945       872   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
945       873   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
946       816   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
946       817   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
946       873   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
946       874   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
947       817   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
947       818   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
947       874   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
947       875   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
948       818   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
948       819   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
948       875   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
948       876   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
949       819   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
949       820   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
949       876   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
949       877   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
950       821   -14.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
950       822   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
950       878   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
950       879   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
951       822   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
951       823   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
951       879   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
951       880   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
952       823   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
952       824   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
952       880   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
952       881   -14.0000       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
953       824   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
953       825   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
953       881   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
953       882   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
954       825   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
954       826   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
954       882   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
954       883   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
955       826   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
955       827   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
955       883   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
955       884   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
956       827   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
956       828   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
956       884   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
956       885   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
957       828   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
957       829   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
957       885   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
957       886   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
958       829   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
958       830   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
958       886   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
958       887   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
959       830   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
959       831   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
959       887   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
959       888   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
960       831   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
960       832   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
960       888   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
960       889   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
961       832   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
961       833   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
961       889   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
961       890   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
962       833   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
962       834   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
962       890   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
962       891   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
963       834   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
963       835   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
963       891   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
963       892   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
964       835   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
964       836   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
964       892   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
964       893   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       965       836   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       965       837   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       965       893   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       965       894   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       966       837   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       966       838   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       966       894   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       966       895   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       967       838   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       967       839   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       967       895   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       967       896   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       968       839   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       968       840   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       968       896   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       968       897   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       969       840   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       969       841   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       969       897   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       969       898   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       970       841   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       970       842   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       970       898   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       970       899   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       971       842   -14.0000       0.000000E+00   0.000000E+00
```

```
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
971       843   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
971       899   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
971       900   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
972       843   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
972       844   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
972       900   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
972       901   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
973       844   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
973       845   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
973       901   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
973       902   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
974       845   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
974       846   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
974       902   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
974       903   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
975       846   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
975       847   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
975       903   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
975       904   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
976       847   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
976       848   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
976       904   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
976       905   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
977       848   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
977       849   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
977       905   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
977       906   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
978       849   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
978       850   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
978       906   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
978       907   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
979       850   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
979       851   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
979       907   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
979       908   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
980       851   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
980       852   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
980       908   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
980       909   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
981       852   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
981       853   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
981       909   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
981       910   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
982       853   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
982       854   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
982       910   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
982       911   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
983       854   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       983       855   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       983       911   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       983       912   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       984       855   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       984       856   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       984       912   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       984       913   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       985       857   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       985       913   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       985       914   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       986       858   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       986       914   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       986       915   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       987       858   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       987       859   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       987       915   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       988       860   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       988       916   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       988       917   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       989       860   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                     0.000000E+00
       989       861   -14.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
989       917   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
989       918   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
990       861   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
990       862   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
990       918   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
990       919   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
991       862   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
991       863   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
991       919   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
991       920   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
992       863   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
992       864   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
992       920   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
992       921   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
993       864   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
993       865   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
993       921   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
993       922   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
994       865   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
994       866   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
994       922   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
994       923   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
995       866   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
995       867   -14.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
 995       923   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 995       924   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 996       867   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 996       868   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 996       924   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 996       925   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 997       868   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 997       869   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 997       925   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 997       926   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 998       869   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 998       870   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 998       926   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 998       927   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 999       870   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 999       871   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 999       927   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 999       928   -14.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1000       871   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1000       872   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1000       928   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1000       929   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1001       872   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1001       873   -14.0000        0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
      1001       929   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1001       930   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1002       873   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1002       874   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1002       930   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1002       931   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1003       874   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1003       875   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1003       931   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1003       932   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1004       875   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1004       876   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1004       932   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1004       933   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1005       876   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1005       877   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1005       933   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
      1005       934   -14.0000       0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =          2016
          LARGEST NODE OR ELEMENT NUMBER              =          1005



          L O A D   C A S E       23


 DTN_expantion


 TMPE  LOAD INPUT
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NUMBER OF VALUES = 8 START LOCATION = 1

| ELEMENT | NODE | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 | VALUE 7 |
|---|---|---|---|---|---|---|---|---|
| 446 | 422 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 446 | 423 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 446 | 479 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 446 | 480 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 447 | 423 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 447 | 424 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 447 | 480 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 447 | 481 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 448 | 424 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 448 | 425 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 448 | 481 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 448 | 482 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 449 | 425 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 449 | 426 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 449 | 482 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 449 | 483 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 450 | 426 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 450 | 427 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 450 | 483 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 450 | 484 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 451 | 427 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 451 | 428 | 33.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

```
                  0.000000E+00
451       484     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
451       485     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
452       428     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
452       429     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
452       485     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
452       486     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
453       429     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
453       430     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
453       486     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
453       487     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
454       430     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
454       431     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
454       487     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
454       488     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
455       431     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
455       432     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
455       488     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
455       489     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
456       432     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
456       433     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
456       489     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
456       490     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
457       433     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
457       434     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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457       490    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       491    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       434    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       435    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       491    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       492    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       435    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       436    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       492    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       493    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       436    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       437    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       493    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       494    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       437    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       438    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       494    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       495    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       438    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       439    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       495    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       496    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       439    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       440    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       496    33.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       497    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       440    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       441    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       497    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       498    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
465       441    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
465       442    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
465       498    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
465       499    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
466       442    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
466       443    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
466       499    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
466       500    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
467       443    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
467       444    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
467       500    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
467       501    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
468       444    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
468       445    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
468       501    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
468       502    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
469       445    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
469       446    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
469       502    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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                  0.000000E+00
469       503     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
470       446     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
470       447     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
470       503     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
470       504     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
471       447     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
471       448     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
471       504     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
471       505     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
472       448     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
472       449     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
472       505     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
472       506     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
473       449     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
473       450     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
473       506     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
473       507     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
474       450     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
474       451     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
474       507     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
474       508     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
475       451     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
475       452     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
475       508     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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475       509    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       452    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       453    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       509    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       510    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       453    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       454    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       510    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       511    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
478       454    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
478       455    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
478       511    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
478       512    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
479       455    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
479       456    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
479       512    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
479       513    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
480       456    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
480       457    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
480       513    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
480       514    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
481       457    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
481       458    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
481       514    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
481       515    33.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
482       458    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
482       459    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
482       515    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
482       516    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
483       459    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
483       460    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
483       516    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
483       517    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
484       460    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
484       461    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
484       517    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
484       518    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
485       461    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
485       462    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
485       518    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
485       519    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
486       462    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
486       463    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
486       519    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
486       520    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
487       463    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
487       464    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
487       520    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
487       521    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
488       464     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
488       465     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
488       521     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
488       522     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
489       465     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
489       466     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
489       522     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
489       523     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
490       466     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
490       467     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
490       523     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
490       524     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
491       467     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
491       468     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
491       524     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
491       525     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
492       468     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
492       469     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
492       525     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
492       526     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
493       469     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
493       470     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
493       526     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
493       527     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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494       470    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       471    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       527    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       528    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       471    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       472    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       528    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       529    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
496       472    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
496       473    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
496       529    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
496       530    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
497       473    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
497       474    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
497       530    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
497       531    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
498       474    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
498       475    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
498       531    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
498       532    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
499       475    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
499       476    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
499       532    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
499       533    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
500       476    33.0000       0.000000E+00   0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
500       477    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
500       533    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
501       477    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
501       478    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
501       534    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
501       535    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
502       479    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
502       480    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
502       536    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
502       537    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
503       480    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
503       481    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
503       537    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
503       538    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       481    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       482    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       538    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       539    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       482    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       483    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       539    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       540    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
506       483    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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                  0.000000E+00
506       484     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
506       540     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
506       541     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
507       484     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
507       485     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
507       541     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
507       542     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
508       485     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
508       486     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
508       542     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
509       486     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
509       487     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
509       543     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
509       544     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
510       487     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
510       488     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
510       544     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
510       545     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
511       488     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
511       489     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
511       546     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
512       489     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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       512       490    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       512       546    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       512       547    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       513       490    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       513       491    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       513       547    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       513       548    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       514       491    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       514       492    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       514       549    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       515       492    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       515       493    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       515       549    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       515       550    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       516       493    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       516       494    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       516       550    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       516       551    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       517       494    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       517       495    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       517       551    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       517       552    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       518       495    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       518       496    33.0000       0.000000E+00   0.000000E+00
```

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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 518       552    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 518       553    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 519       496    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 519       497    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 519       553    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 519       554    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 520       497    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 520       498    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 520       554    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 520       555    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 521       498    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 521       499    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 521       555    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 521       556    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 522       499    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 522       500    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 522       556    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 522       557    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 523       500    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 523       501    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 523       557    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 523       558    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 524       501    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 524       502    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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                  0.000000E+00
524       558     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
524       559     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
525       502     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
525       503     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
525       559     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
525       560     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
526       503     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
526       504     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
526       560     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
526       561     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
527       504     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
527       505     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
527       561     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
527       562     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
528       505     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
528       506     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
528       562     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
528       563     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
529       506     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
529       507     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
529       563     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
529       564     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
530       507     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
530       508     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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530       564    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
530       565    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
531       508    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
531       509    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
531       565    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
531       566    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
532       509    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
532       510    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
532       566    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
532       567    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       510    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       511    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       567    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       568    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       511    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       512    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       568    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       569    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       512    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       513    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       569    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       570    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       513    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       514    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       570    33.0000       0.000000E+00   0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
537       572    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
538       515    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
539       573    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
539       574    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
540       518    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
540       574    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
540       575    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
541       518    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
541       519    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
541       575    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
541       576    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
542       519    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
542       520    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
542       576    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
542       577     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
543       520     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
543       577     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
544       578     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
544       579     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
545       522     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
545       580     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
546       523     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
546       524     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
546       580     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
548       582     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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                0.000000E+00
549       583    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
550       585    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
552       530    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
552       587    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
553       530    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
553       531    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
553       587    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
553       588    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
554       531    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
554       532    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
554       588    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
554       589    33.0000       0.000000E+00   0.000000E+00
```

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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
 557       592    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 558       536    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 558       537    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 559       537    33.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
 559       538    33.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 562       541    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 563       541    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 563       542    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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                  0.000000E+00
564       542     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
564       543     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
565       543     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
565       544     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
566       544     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
566       545     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
567       545     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
567       546     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
568       546     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
568       547     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
569       547     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
569       548     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
570       548     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
571       549     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
572       551     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
573       552     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
575       553     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
575       554     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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       576       554    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       582       560    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       583       562    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       586       565    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       587       566    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       588       566    33.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
589       567    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
589       568    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
590       568    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
590       569    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
591       569    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
591       570    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
592       570    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
593       571    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
594       572    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
595       573    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
595       574    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
596       575    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
599       577    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
600       578    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
 600       579     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 601       580     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 602       580     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 603       582     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 604       582     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 604       583     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 605       583     33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
 606       584     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 606       585     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 607       585     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 612       590     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
613       592    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
614       536    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
614       537    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
615       537    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
615       538    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
615       594    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
615       595    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
616       539    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
616       595    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
616       596    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
617       539    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
617       540    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
617       596    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
617       597    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
618       597    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
618       598    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
619       541    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
619       542    33.0000       0.000000E+00   0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
619       599    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
620       542    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
620       543    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
620       599    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
620       600    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
621       543    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
621       544    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
621       600    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
621       601    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
622       544    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
622       545    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
622       601    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
622       602    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
623       545    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
623       546    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
623       602    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
623       603    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
624       547    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
624       603    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
624       604    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
625       547    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
625       548    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
625       604     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
625       605     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
626       548     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
626       549     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
626       605     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
626       606     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
627       549     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
627       550     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
627       606     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
627       607     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
628       550     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
628       551     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
628       607     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
628       608     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
629       551     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
629       552     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
629       608     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
629       609     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
630       552     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
630       553     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
630       609     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
630       610     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
631       553     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
631       554     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
631       610    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
631       611    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
632       554    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
632       555    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
632       611    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
632       612    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
633       555    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
633       556    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
633       612    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
633       613    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       556    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       557    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       613    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       614    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
635       557    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
635       558    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
635       614    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
635       615    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
636       558    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
636       559    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
636       615    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
636       616    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
637       559    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
637       560    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
637       616    33.0000       0.000000E+00   0.000000E+00
```

```
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
637       617    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
638       560    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
638       561    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
638       617    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
638       618    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
639       561    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
639       562    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
639       618    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
639       619    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
640       562    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
640       563    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
640       619    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
640       620    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
641       563    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
641       564    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
641       620    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
641       621    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
642       564    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
642       565    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
642       621    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
642       622    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
643       565    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
643       566    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
643       622    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
643       623     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
644       566     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
644       567     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
644       623     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
644       624     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
645       567     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
645       568     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
645       624     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
645       625     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
646       568     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
646       569     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
646       625     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
646       626     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
647       569     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
647       570     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
647       626     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
647       627     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
648       570     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
648       571     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
648       627     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
648       628     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
649       571     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
649       572     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
649       628     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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649       629    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       572    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       573    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       629    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       630    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       573    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       574    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       630    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       631    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       574    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       575    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       631    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       632    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       575    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       576    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       632    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       633    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       576    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       577    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       633    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       634    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       577    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       578    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       634    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       635    33.0000       0.000000E+00   0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
656       578    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
656       579    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
656       635    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
656       636    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
657       579    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
657       580    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
657       636    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
657       637    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
658       580    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
658       581    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
658       637    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
658       638    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
659       581    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
659       582    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
659       638    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
659       639    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
660       582    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
660       583    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
660       639    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
660       640    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
661       583    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
661       584    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
661       640    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
661       641    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
662       584     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
662       641     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
662       642     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
663       585     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
663       586     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
663       642     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
663       643     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
664       586     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
664       587     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
664       643     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
664       644     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
665       587     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
665       588     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
665       644     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
665       645     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
666       588     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
666       589     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
666       645     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
666       646     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
667       589     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
667       590     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
667       646     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
667       647     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
668       590    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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668       591    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       647    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       648    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       591    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       592    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       648    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       649    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       593    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       594    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       650    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       651    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       594    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       595    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       651    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       652    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       595    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       596    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       652    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       653    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
673       596    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
673       597    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
673       653    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
673       654    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
674       597    33.0000       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
674       598    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
674       654    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
674       655    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
675       598    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
675       599    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
675       655    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
675       656    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
676       599    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
676       600    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
676       656    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
676       657    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
677       600    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
677       601    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
677       657    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
677       658    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
678       601    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
678       602    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
678       658    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
678       659    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
679       602    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
679       603    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
679       659    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
679       660    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
680       603    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
680       604     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
680       660     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
680       661     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
681       604     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
681       605     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
681       661     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
681       662     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
682       605     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
682       606     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
682       662     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
682       663     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
683       607     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
683       663     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
683       664     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
684       607     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
684       608     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
684       664     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
684       665     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
685       608     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
685       609     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
685       665     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
685       666     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
686       609     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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686       610    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
686       666    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
686       667    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
687       610    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
687       611    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
687       667    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
687       668    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
688       612    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
688       668    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
688       669    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
689       612    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
689       613    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
689       669    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
689       670    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
690       613    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
690       614    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
690       670    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
690       671    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
691       614    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
691       615    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
691       671    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
691       672    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
692       615    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
692       616    33.0000       0.000000E+00   0.000000E+00
```

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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 692       672    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 692       673    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 693       616    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 693       617    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 693       673    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 693       674    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 694       617    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 694       618    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 694       674    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 694       675    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 695       618    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 695       619    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 695       675    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 695       676    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 696       619    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 696       620    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 696       676    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 696       677    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 697       620    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 697       621    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 697       677    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 697       678    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 698       621    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 698       622    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
698       678     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
698       679     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
699       622     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
699       623     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
699       679     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
699       680     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
700       623     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
700       624     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
700       680     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
700       681     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
701       624     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
701       625     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
701       681     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
701       682     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
702       625     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
702       626     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
702       682     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
702       683     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
703       626     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
703       627     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
703       683     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
703       684     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
704       627     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
704       628     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
704       684    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
704       685    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
705       628    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
705       629    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
705       685    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
705       686    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
706       629    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
706       630    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
706       686    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
706       687    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
707       630    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
707       631    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
707       687    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
707       688    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
708       631    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
708       632    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
708       688    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
708       689    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
709       632    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
709       633    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
709       689    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
709       690    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
710       633    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
710       634    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
710       690    33.0000       0.000000E+00   0.000000E+00
```

```
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
710       691    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
711       634    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
711       635    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
711       691    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
711       692    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
712       635    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
712       636    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
712       692    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
712       693    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
713       636    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
713       637    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
713       693    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
713       694    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
714       637    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
714       638    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
714       694    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
714       695    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
715       638    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
715       639    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
715       695    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
715       696    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
716       639    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
716       640    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
716       696    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
716       697     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
717       640     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
717       641     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
717       697     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
717       698     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
718       641     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
718       642     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
718       698     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
718       699     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
719       642     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
719       643     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
719       699     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
719       700     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
720       643     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
720       644     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
720       700     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
720       701     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
721       644     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
721       645     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
721       701     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
721       702     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
722       645     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
722       646     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
722       702     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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722       703    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
723       646    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
723       647    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
723       703    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
723       704    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       647    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       648    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       704    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       705    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       648    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       649    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       705    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       706    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       650    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       651    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       707    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       708    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       651    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       652    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       708    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       709    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       652    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       653    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       709    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       710    33.0000       0.000000E+00   0.000000E+00
```

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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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729       653    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
729       654    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
729       710    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
729       711    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
730       654    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
730       655    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
730       711    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
730       712    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
731       655    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
731       656    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
731       712    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
731       713    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
732       656    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
732       657    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
732       713    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
732       714    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
733       657    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
733       658    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
733       714    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
733       715    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
734       658    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
734       659    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
734       715    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
734       716    33.0000        0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
735       659     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
735       660     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
735       716     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
735       717     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
736       660     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
736       661     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
736       717     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
736       718     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
737       661     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
737       662     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
737       718     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
737       719     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
738       662     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
738       663     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
738       719     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
738       720     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
739       663     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
739       664     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
739       720     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
739       721     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
740       664     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
740       665     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
740       721     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
740       722     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
741       665    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
741       666    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
741       722    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
741       723    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
742       666    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
742       667    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
742       723    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
742       724    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
743       667    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
743       668    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
743       724    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
743       725    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
744       668    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
744       669    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
744       725    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
744       726    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
745       669    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
745       670    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
745       726    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
745       727    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
746       670    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
746       671    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
746       727    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
746       728    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
747       671    33.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
747       672    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
747       728    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
747       729    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
748       672    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
748       673    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
748       729    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
748       730    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
749       673    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
749       674    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
749       730    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
749       731    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
750       674    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
750       675    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
750       731    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
750       732    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
751       675    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
751       676    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
751       732    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
751       733    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
752       676    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
752       677    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
752       733    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
752       734    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
753       677    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
753       678     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
753       734     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
753       735     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
754       678     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
754       679     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
754       735     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
754       736     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
755       679     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
755       680     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
755       736     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
755       737     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
756       680     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
756       681     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
756       737     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
756       738     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
757       681     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
757       682     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
757       738     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
757       739     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
758       682     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
758       683     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
758       739     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
758       740     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
759       683     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       759       684    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       759       740    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       759       741    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       760       684    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       760       685    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       760       741    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       760       742    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       761       685    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       761       686    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       761       743    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       762       687    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       763       687    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       763       688    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       763       744    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       763       745    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       764       688    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       764       689    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       764       745    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       764       746    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       765       689    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       765       690    33.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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765       746    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
765       747    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
766       690    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
766       691    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
766       747    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
766       748    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
767       691    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
767       692    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
767       748    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
767       749    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
768       692    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
768       693    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
768       749    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
768       750    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       693    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       694    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       750    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       751    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
770       694    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
770       695    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
770       751    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
770       752    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
771       695    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
771       696    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
771       752     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
771       753     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
772       696     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
772       697     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
772       753     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
772       754     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
773       697     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
773       698     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
773       754     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
773       755     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
774       698     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
774       699     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
774       755     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
774       756     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
775       699     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
775       700     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
775       756     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
775       757     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
776       700     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
776       701     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
776       757     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
776       758     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
777       701     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
777       702     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
777       758    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       759    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       702    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       703    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       759    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       760    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       703    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       704    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       760    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       761    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       704    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       705    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       761    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       762    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       705    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       706    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       762    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       763    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
782       707    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
782       708    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
782       764    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
782       765    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
783       708    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
783       709    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
783       765    33.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
 784       709    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 784       710    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 784       766    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 784       767    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 785       710    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 785       711    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 785       767    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 785       768    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 786       711    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 786       712    33.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
 786       768    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 786       769    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 787       712    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 787       713    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 787       769    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 787       770    33.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
 788       713    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 788       714    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 788       770    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 788       771    33.0000       0.000000E+00   0.000000E+00
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                 0.000000E+00
 789       714    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 789       715    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 789       771    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
789       772     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
790       715     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
790       716     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
790       772     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
790       773     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
791       716     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
791       717     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
791       773     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
791       774     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
792       717     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
792       718     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
792       774     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
792       775     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
793       718     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
793       719     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
793       775     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
793       776     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
794       719     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
794       720     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
794       776     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
794       777     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
795       720     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
795       721     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
795       777     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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       795       778    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       796       722    33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
       796       778    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       796       779    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       797       722    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
       798       781    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       800       782    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       800       783    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       801       783    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       801       784    33.0000       0.000000E+00   0.000000E+00
```

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                0.000000E+00
802       728    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
802       784    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
802       785    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
803       728    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
803       729    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
803       785    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
803       786    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
804       729    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
804       730    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
804       786    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
804       787    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
805       730    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
805       731    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
805       787    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
805       788    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
806       731    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
806       732    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
806       788    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
806       789    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
807       732    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
807       733    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
807       789    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
807       790    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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0.000000E+00
808 733 33.0000 0.000000E+00 0.000000E+00
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0.000000E+00
808 734 33.0000 0.000000E+00 0.000000E+00
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0.000000E+00
808 790 33.0000 0.000000E+00 0.000000E+00
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0.000000E+00
808 791 33.0000 0.000000E+00 0.000000E+00
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0.000000E+00
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0.000000E+00
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0.000000E+00
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0.000000E+00
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0.000000E+00
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0.000000E+00
810 736 33.0000 0.000000E+00 0.000000E+00
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0.000000E+00
810 792 33.0000 0.000000E+00 0.000000E+00
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0.000000E+00
810 793 33.0000 0.000000E+00 0.000000E+00
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0.000000E+00
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0.000000E+00
811 737 33.0000 0.000000E+00 0.000000E+00
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0.000000E+00
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0.000000E+00
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0.000000E+00
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0.000000E+00
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0.000000E+00
813 795 33.0000 0.000000E+00 0.000000E+00
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0.000000E+00
813 796 33.0000 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00

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       814       739    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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       814       740    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       814       796    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       814       797    33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       818       744    33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
       818       800    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       818       801    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       819       802    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       820       745    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
820       802    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
820       803    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
821       746    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
821       747    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
821       803    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
821       804    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
822       747    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
822       748    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
822       804    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
822       805    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
823       748    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
823       749    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
823       805    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
823       806    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
824       749    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
824       750    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
824       806    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
824       807    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
825       750    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
825       751    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
825       807    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
825       808    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
826       751    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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826       752    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
826       808    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
826       809    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
827       752    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
827       753    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
827       809    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
827       810    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
828       753    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
828       754    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
828       810    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
828       811    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
829       754    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
829       755    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
829       811    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
829       812    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
830       755    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
830       756    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
830       812    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
830       813    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
831       756    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
831       757    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
831       813    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
831       814    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
832       757    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
832       758    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       814    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       815    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       758    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       759    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       815    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       816    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       759    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       760    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       816    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       817    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       760    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       761    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       817    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       818    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       761    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       762    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       818    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       819    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       762    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       763    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       819    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       820    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
838       764    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
838       765    33.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
839       765    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
839       766    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
840       766    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
840       767    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
841       767    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
841       768    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
842       768    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
842       769    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
843       769    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
843       770    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
844       770    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
844       771    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
845       771    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
845       772    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
846       772    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
846       773    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
847       773    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
847       774    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
848       774    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
848       775    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
849       775    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
849       776    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
850       776    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
850       777    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
851       777     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
851       778     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
852       778     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
852       779     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
853       779     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
853       780     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
854       780     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
854       781     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
855       781     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
855       782     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
856       782     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
856       783     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
857       783     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
857       784     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
858       784     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
858       785     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
859       785     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
859       786     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
860       786     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
860       787     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
861       787     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
861       788     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
862       788     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
862       789     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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       863       789    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       863       790    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       864       790    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       864       791    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       865       791    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       865       792    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       866       792    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       866       793    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       867       793    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       867       794    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       868       794    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       868       795    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       869       795    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       869       796    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       870       796    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       870       797    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       871       797    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       871       798    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       872       798    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       872       799    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       873       799    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       873       800    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       874       800    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       874       801    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       875       801    33.0000       0.000000E+00   0.000000E+00
```

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
875       802    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
876       802    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
876       803    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
877       803    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
877       804    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
878       804    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
878       805    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
879       805    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
879       806    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
880       806    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
880       807    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
881       807    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
881       808    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
882       808    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
882       809    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
883       809    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
883       810    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
884       810    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
884       811    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
885       811    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
885       812    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
886       812    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
886       813    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
887       813    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
887       814     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
888       814     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
888       815     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
889       815     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
889       816     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
890       816     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
890       817     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
891       817     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
891       818     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
892       818     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
892       819     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
893       819     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
893       820     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
894       764     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
894       765     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
894       821     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
894       822     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
895       765     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
895       766     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
895       822     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
895       823     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
896       766     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
896       767     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
896       823     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
896       824    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       767    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       768    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       824    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       825    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       768    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       769    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       825    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       826    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       769    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       770    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       826    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       827    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
900       770    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
900       771    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
900       827    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
900       828    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
901       771    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
901       772    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
901       828    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
901       829    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
902       772    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
902       773    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
902       829    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
902       830    33.0000       0.000000E+00   0.000000E+00
```

```
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 903       773    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 903       774    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 903       830    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 903       831    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 904       774    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 904       775    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 904       831    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 904       832    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 905       775    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 905       776    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 905       832    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 905       833    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 906       776    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 906       777    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 906       833    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 906       834    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 907       777    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 907       778    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 907       834    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 907       835    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 908       778    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 908       779    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 908       835    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 908       836    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
909       779     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
909       780     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
909       836     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
909       837     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
910       780     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
910       781     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
910       837     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
910       838     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
911       781     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
911       782     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
911       838     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
911       839     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
912       782     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
912       783     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
912       839     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
912       840     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
913       783     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
913       784     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
913       840     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
913       841     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
914       784     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
914       785     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
914       841     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
914       842     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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       915       785    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       915       786    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       915       842    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       915       843    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       916       786    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       916       787    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       916       843    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       916       844    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       917       787    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       918       845    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       919       846    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       919       847    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       920       790    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       920       847    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       920       848    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       921       791    33.0000       0.000000E+00   0.000000E+00
```

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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 922       793    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
 923       851    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 924       794    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 924       795    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 924       851    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 924       852    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 925       795    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 925       796    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 925       852    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 926       796    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 926       797    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 926       853    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 926       854    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 927       797    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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927       854     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
928       799     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
928       855     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
929       799     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
929       800     33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
929       856     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
929       857     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
930       800     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
930       801     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
930       857     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
930       858     33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
931       801     33.0000       0.000000E+00   0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
931       859     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
932       802     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
932       859     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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933       803     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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0.000000E+00
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0.000000E+00
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0.000000E+00
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938 865 33.0000 0.000000E+00 0.000000E+00
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0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
940       867    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
941       812    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
942       813    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
943       814    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
943       870    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
945       815    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
945       816    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
945       873     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
946       816     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
946       817     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
946       873     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
946       874     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
947       817     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
947       874     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
947       875     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
948       818     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
948       875     33.0000       0.000000E+00   0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
949       819     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
949       820     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
949       876     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
949       877     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
950       821     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
950       822     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
950       878     33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
950       879     33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
951       822     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
951       823     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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951 880 33.0000 0.000000E+00 0.000000E+00
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0.000000E+00
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0.000000E+00
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0.000000E+00
952 880 33.0000 0.000000E+00 0.000000E+00
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0.000000E+00
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0.000000E+00
956 828 33.0000 0.000000E+00 0.000000E+00
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0.000000E+00
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0.000000E+00
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0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
957 885 33.0000 0.000000E+00 0.000000E+00

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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
958       829    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
958       830    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
958       886    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
958       887    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
959       830    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
959       887    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
959       888    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
960       832    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
960       888    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
960       889    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
961       833    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
961       889    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
962       834    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
962       891    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
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                  0.000000E+00
965       894     33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
966       894     33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
967       896     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
968       839     33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
968       896     33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
968       897     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
969       841     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
969       897     33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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       969       898    33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
       970       841    33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
       970       842    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       970       898    33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       972       844    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       972       900    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       972       901    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       974       903    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       975       903    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       975       904    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
976       848    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
976       904    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
976       905    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
977       848    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
977       849    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
977       905    33.0000       0.000000E+00   0.000000E+00
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977       906    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
978       849    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
978       850    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
978       906    33.0000       0.000000E+00   0.000000E+00
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                0.000000E+00
978       907    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
979       850    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
979       851    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
979       907    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
979       908    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
980       851    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
980       852    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
980       908    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
980       909    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
981       852    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
981       853    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
981       909    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
981       910    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 982       854     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 982       910     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 982       911     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 983       854     33.0000       0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 984       855     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 984       856     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 984       912     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 984       913     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 985       856     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 985       857     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 985       913     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 985       914     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 986       857     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 986       858     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 986       914     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 986       915     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 987       858     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 987       859     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 987       915     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
 987       916     33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       988       859    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       988       860    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       988       916    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       988       917    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       989       860    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       989       861    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       989       917    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       989       918    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       990       861    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       990       862    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       990       918    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       990       919    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       991       862    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       991       863    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       991       919    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       991       920    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       992       863    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       992       864    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       992       920    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       992       921    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       993       864    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       993       865    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       993       921    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       993       922    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
       994       865    33.0000       0.000000E+00   0.000000E+00
```

```
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 994       866    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 994       922    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 994       923    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 995       866    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 995       867    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 995       923    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 995       924    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 996       867    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 996       868    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 996       924    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 996       925    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 997       868    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 997       869    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 997       925    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 997       926    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 998       869    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 998       870    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 998       926    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 998       927    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 999       870    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 999       871    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 999       927    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
 999       928    33.0000       0.000000E+00   0.000000E+00
 0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
1000       871    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
1000       872    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1000       928    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1000       929    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1001       872    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1001       873    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1001       929    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1001       930    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1002       873    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1002       874    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1002       930    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1002       931    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1003       874    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1003       875    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1003       931    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1003       932    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1004       875    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1004       876    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1004       932    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1004       933    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1005       876    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1005       877    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1005       933    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
1005       934    33.0000       0.000000E+00   0.000000E+00
0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =          2016
    LARGEST NODE OR ELEMENT NUMBER              =          1005
```

L O A D C A S E 24

DT_M_Heat

TMPE LOAD INPUT

NUMBER OF VALUES = 8 START LOCATION = 1

| ELEMENT | NODE | VALUE 1 | VALUE 2 | VALUE 3 |
|---|---|---|---|---|
| VALUE 4 | VALUE 5 | VALUE 6 | VALUE 7 | |
| 446 | 422 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 446 | 423 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 446 | 479 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 446 | 480 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 447 | 423 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 447 | 424 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 447 | 480 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 447 | 481 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 448 | 424 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 448 | 425 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 448 | 481 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 448 | 482 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 449 | 425 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 449 | 426 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 449 | 482 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 449 | 483 | 14.1345 | 0.000000E+00 | 0.000000E+00 |
| 5.76999 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 450 | 426 | 14.1345 | 0.000000E+00 | 0.000000E+00 |

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
450       427    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
450       483    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
450       484    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
451       427    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
451       428    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
451       484    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
451       485    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
452       428    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
452       429    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
452       485    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
452       486    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
453       429    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
453       430    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
453       486    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
453       487    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       430    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       431    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       487    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       488    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       431    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       432    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       488    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       489    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       432    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
456       433    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       489    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       490    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       433    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       434    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       490    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       491    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       434    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       435    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       491    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       492    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       435    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       436    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       492    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       493    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       436    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       437    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       493    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       494    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       437    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       438    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       494    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
461       495    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       438    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
462       439    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       495    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
462       496    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       439    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       440    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       496    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
463       497    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       440    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       441    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       497    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
464       498    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
465       441    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
465       442    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
465       498    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
465       499    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
466       442    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
466       443    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
466       499    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
466       500    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
467       443    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
467       444    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
467       500    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
467       501    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
468       444    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
468       445    14.1345       0.000000E+00   0.000000E+00
```

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
468       501    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
468       502    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
469       445    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
469       446    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
469       502    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
469       503    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
470       446    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
470       447    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
470       503    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
470       504    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
471       447    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
471       448    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
471       504    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
471       505    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
472       448    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
472       449    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
472       505    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
472       506    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
473       449    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
473       450    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
473       506    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
473       507    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
474       450    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
474       451    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
474       507    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
474       508    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
475       451    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
475       452    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
475       508    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
475       509    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       452    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       453    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       509    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       510    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       453    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       454    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       510    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       511    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
478       454    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
478       455    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
478       511    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
478       512    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
479       455    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
479       456    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
479       512    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
479       513    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
480       456    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
480       457    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

480 513 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
480 514 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
481 457 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
481 458 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
481 514 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
481 515 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
482 458 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
482 459 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
482 515 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
482 516 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
483 459 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
483 460 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
483 516 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
483 517 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
484 460 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
484 461 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
484 517 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
484 518 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
485 461 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
485 462 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
485 518 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
485 519 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
486 462 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
486 463 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
486 519 14.1345 0.000000E+00 0.000000E+00

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5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
486       520    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
487       463    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
487       464    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
487       520    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
487       521    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
488       464    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
488       465    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
488       521    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
488       522    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
489       465    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
489       466    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
489       522    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
489       523    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
490       466    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
490       467    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
490       523    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
490       524    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       467    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       468    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       524    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       525    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
492       468    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
492       469    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
492       525    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
492       526    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
493       469    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
493       470    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
493       526    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
493       527    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       470    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       471    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       527    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       528    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       471    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       472    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       528    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       529    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
496       472    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
496       473    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
496       529    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
496       530    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
497       473    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
497       474    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
497       530    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
497       531    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
498       474    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
498       475    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
498       531    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
498       532    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
499       475    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
499       476    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
499       532    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
499       533    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
500       476    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
500       477    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
500       533    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
500       534    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
501       477    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
501       478    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
501       534    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
501       535    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
502       479    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
502       480    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
502       536    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
502       537    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
503       480    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
503       481    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
503       537    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
503       538    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       481    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       482    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       538    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       539    14.1345       0.000000E+00   0.000000E+00
```

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       482    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       483    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       539    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       540    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
506       483    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
506       484    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
506       540    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
506       541    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
507       484    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
507       485    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
507       541    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
507       542    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       485    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       486    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       542    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       543    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       486    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       487    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       543    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       544    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       487    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       488    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       544    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       545    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
511       488    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
511       489    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
511       545    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
511       546    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
512       489    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
512       490    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
512       546    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
512       547    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
513       490    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
513       491    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
513       547    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
513       548    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
514       491    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
514       492    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
514       548    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
514       549    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
515       492    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
515       493    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
515       549    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
515       550    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
516       493    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
516       494    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
516       550    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
516       551    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
       517       494    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       517       495    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       517       551    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       517       552    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       518       495    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       518       496    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       518       552    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       518       553    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       519       496    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       519       497    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       519       553    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       519       554    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       520       497    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       520       498    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       520       554    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       520       555    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       521       498    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       521       499    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       521       555    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       521       556    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       522       499    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       522       500    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       522       556    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       522       557    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       523       500    14.1345       0.000000E+00   0.000000E+00
```

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5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
523       501    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
523       557    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
523       558    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
524       501    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
524       502    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
524       558    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
524       559    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
525       502    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
525       503    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
525       559    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
525       560    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
526       503    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
526       504    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
526       560    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
526       561    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
527       504    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
527       505    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
527       561    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
527       562    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
528       505    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
528       506    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
528       562    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
528       563    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
529       506    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
529       507    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
529       563    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
529       564    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
530       507    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
530       508    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
530       564    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
530       565    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
531       508    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
531       509    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
531       565    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
531       566    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
532       509    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
532       510    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
532       566    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
532       567    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       510    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       511    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       567    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       568    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       511    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       512    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       568    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
534       569    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       512    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
535       513    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       569    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
535       570    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       513    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       514    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       570    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
536       571    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
537       514    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
537       515    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
537       571    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
537       572    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
538       515    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
538       516    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
538       572    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
538       573    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
539       516    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
539       517    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
539       573    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
539       574    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
540       517    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
540       518    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
540       574    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
540       575    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
541       518    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
541       519    14.1345       0.000000E+00   0.000000E+00
```

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
541       575    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
541       576    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
542       519    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
542       520    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
542       576    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
542       577    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
543       520    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
543       521    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
543       577    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
543       578    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
544       521    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
544       522    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
544       578    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
544       579    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
545       522    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
545       523    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
545       579    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
545       580    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
546       523    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
546       524    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
546       580    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
546       581    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
547       524    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
547       525    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
547       581    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
547       582    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       525    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       526    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       582    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       583    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       526    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       527    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       583    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       584    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
550       527    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
550       528    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
550       584    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
550       585    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
551       528    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
551       529    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
551       585    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
551       586    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
552       529    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
552       530    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
552       586    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
552       587    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
553       530    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
553       531    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
553       587    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
553       588    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
554       531    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
554       532    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
554       588    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
554       589    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
555       532    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
555       533    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
555       589    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
555       590    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
556       533    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
556       534    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
556       590    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
556       591    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
557       534    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
557       535    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
557       591    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
557       592    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
558       536    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
558       537    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
559       537    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
559       538    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
560       538    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
560       539    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
561       539    6.10844       0.000000E+00   0.000000E+00
```

```
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
561       540    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
562       540    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
562       541    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
563       541    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
563       542    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
564       542    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
564       543    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
565       543    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
565       544    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
566       544    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
566       545    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
567       545    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
567       546    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
568       546    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
568       547    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
569       547    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
569       548    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
570       548    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
570       549    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
571       549    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
571       550    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
572       550    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
572       551    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
573       551    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
573       552    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
574       552    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
574       553    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
575       553    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
575       554    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
576       554    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
576       555    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
577       555    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
577       556    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
578       556    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
578       557    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
579       557    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
579       558    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
580       558    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
580       559    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
581       559    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
581       560    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
582       560    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
582       561    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
583       561    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
583       562    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
584       562    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
584       563    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
585       563    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
585       564    6.63450       0.000000E+00   0.000000E+00
5.76905       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
586       564    6.63450       0.000000E+00   0.000000E+00
5.76905       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
586       565    6.63450       0.000000E+00   0.000000E+00
5.76905       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
587       565    6.63450       0.000000E+00   0.000000E+00
5.76905       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
587       566    6.63450       0.000000E+00   0.000000E+00
5.76905       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
588       566    6.63450       0.000000E+00   0.000000E+00
5.76905       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
588       567    6.63450       0.000000E+00   0.000000E+00
5.76905       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
589       567    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
589       568    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
590       568    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
590       569    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
591       569    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
591       570    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
592       570    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
592       571    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
593       571    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
593       572    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
594       572    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
594       573    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
595       573    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
595       574    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
596       574    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
596       575    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
597       575    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
597       576    5.62557       0.000000E+00   0.000000E+00
```

```
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
598       576    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
598       577    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
599       577    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
599       578    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
600       578    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
600       579    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
601       579    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
601       580    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
602       580    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
602       581    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
603       581    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
603       582    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
604       582    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
604       583    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
605       583    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
605       584    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
606       584    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
606       585    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
607       585    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
607       586    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
608       586    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
608       587    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
609       587    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
609       588    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
610       588    6.10844        0.000000E+00   0.000000E+00
5.76908        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
610       589    6.10844        0.000000E+00   0.000000E+00
5.76908        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
611       589    6.10844        0.000000E+00   0.000000E+00
5.76908        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
611       590    6.10844        0.000000E+00   0.000000E+00
5.76908        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
612       590    6.10844        0.000000E+00   0.000000E+00
5.76908        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
612       591    6.10844        0.000000E+00   0.000000E+00
5.76908        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
613       591    6.10844        0.000000E+00   0.000000E+00
5.76908        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
613       592    6.10844        0.000000E+00   0.000000E+00
5.76908        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
614       536    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
614       537    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
614       593    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
614       594    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
615       537    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
615       538    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
615       594    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
615       595    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
616       538    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
616       539    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
616       595    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
616       596    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
617       539    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
617       540    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
617       596    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
617       597    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
618       540    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
618       541    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
618       597    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
618       598    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
619       541    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
619       542    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
619       598    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
619       599    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
620       542    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
620       543    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
620       599    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
620       600    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
621       543    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
621       544    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
621       600    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
621       601    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
622       544    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
622       545    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
622       601    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
622       602    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
623       545    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
623       546    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
623       602    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
623       603    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
624       546    14.1345       0.000000E+00   0.000000E+00
```

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5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
624       547    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
624       603    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
624       604    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
625       547    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
625       548    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
625       604    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
625       605    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
626       548    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
626       549    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
626       605    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
626       606    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
627       549    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
627       550    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
627       606    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
627       607    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
628       550    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
628       551    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
628       607    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
628       608    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
629       551    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
629       552    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
629       608    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
629       609    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
630       552    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
630       553    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
630       609    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
630       610    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
631       553    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
631       554    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
631       610    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
631       611    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
632       554    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
632       555    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
632       611    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
632       612    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
633       555    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
633       556    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
633       612    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
633       613    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       556    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       557    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       613    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       614    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
635       557    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
635       558    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
635       614    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
635       615    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
636       558    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

636 559 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
636 615 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
636 616 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
637 559 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
637 560 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
637 616 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
637 617 14.1345 0.000000E+00 0.000000E+00
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0.000000E+00
638 560 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
638 561 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
638 617 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
638 618 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
639 561 14.1345 0.000000E+00 0.000000E+00
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0.000000E+00
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0.000000E+00
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5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
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5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
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5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
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5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
640 619 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
640 620 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
641 563 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
641 564 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
641 620 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
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5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
642 564 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
642 565 14.1345 0.000000E+00 0.000000E+00

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5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
642       621    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
642       622    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
643       565    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
643       566    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
643       622    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
643       623    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
644       566    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
644       567    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
644       623    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
644       624    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       567    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       568    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       624    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       625    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       568    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       569    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       625    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       626    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       569    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       570    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       626    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       627    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       570    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       571    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
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5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       628    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       571    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       572    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       628    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       629    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       572    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       573    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       629    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       630    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       573    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       574    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       630    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       631    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       574    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       575    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       631    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
652       632    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       575    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       576    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       632    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       633    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       576    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       577    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

654 633 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
654 634 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
655 577 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
655 578 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
655 634 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
655 635 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
656 578 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
656 579 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
656 635 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
656 636 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
657 579 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
657 580 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
657 636 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
657 637 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
658 580 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
658 581 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
658 637 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
658 638 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
659 581 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
659 582 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
659 638 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
659 639 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
660 582 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
660 583 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
660 639 14.1345 0.000000E+00 0.000000E+00

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
660       640    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
661       583    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
661       584    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
661       640    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
661       641    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
662       584    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
662       585    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
662       641    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
662       642    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
663       585    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
663       586    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
663       642    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
663       643    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       586    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       587    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       643    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       644    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       587    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       588    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       644    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       645    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       588    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       589    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       645    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
666       646    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       589    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       590    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       646    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       647    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       590    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       591    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       647    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       648    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       591    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       592    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       648    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       649    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       593    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       594    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       650    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
670       651    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       594    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       595    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       651    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       652    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       595    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       596    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
672       652    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

672 653 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
673 596 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
673 597 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
673 653 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
673 654 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
674 597 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
674 598 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
674 654 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
674 655 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
675 598 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
675 599 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
675 655 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
675 656 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
676 599 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
676 600 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
676 656 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
676 657 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
677 600 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
677 601 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
677 657 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
677 658 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
678 601 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
678 602 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
678 658 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
678 659 14.1345 0.000000E+00 0.000000E+00

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
679       602    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
679       603    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
679       659    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
679       660    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
680       603    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
680       604    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
680       660    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
680       661    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
681       604    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
681       605    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
681       661    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
681       662    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
682       605    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
682       606    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
682       662    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
682       663    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
683       606    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
683       607    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
683       663    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
683       664    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
684       607    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
684       608    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
684       664    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
684       665    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
685       608    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
685       609    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
685       665    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
685       666    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
686       609    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
686       610    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
686       666    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
686       667    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
687       610    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
687       611    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
687       667    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
687       668    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
688       611    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
688       612    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
688       668    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
688       669    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
689       612    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
689       613    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
689       669    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
689       670    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
690       613    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
690       614    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
690       670    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
690       671    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

691 614 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
691 615 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
691 671 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
691 672 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
692 615 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
692 616 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
692 672 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
692 673 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
693 616 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
693 617 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
693 673 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
693 674 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
694 617 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
694 618 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
694 674 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
694 675 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
695 618 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
695 619 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
695 675 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
695 676 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
696 619 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
696 620 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
696 676 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
696 677 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
697 620 14.1345 0.000000E+00 0.000000E+00

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
697       621    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
697       677    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
697       678    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
698       621    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
698       622    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
698       678    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
698       679    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
699       622    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
699       623    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
699       679    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
699       680    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
700       623    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
700       624    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
700       680    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
700       681    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
701       624    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
701       625    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
701       681    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
701       682    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
702       625    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
702       626    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
702       682    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
702       683    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
703       626    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
703       627    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
703       683    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
703       684    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
704       627    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
704       628    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
704       684    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
704       685    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
705       628    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
705       629    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
705       685    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
705       686    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
706       629    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
706       630    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
706       686    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
706       687    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
707       630    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
707       631    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
707       687    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
707       688    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
708       631    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
708       632    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
708       688    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
708       689    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
709       632    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

709 633 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
709 689 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
709 690 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
710 633 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
710 634 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
710 690 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
710 691 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
711 634 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
711 635 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
711 691 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
711 692 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
712 635 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
712 636 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
712 692 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
712 693 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
713 636 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
713 637 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
713 693 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
713 694 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
714 637 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
714 638 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
714 694 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
714 695 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
715 638 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
715 639 14.1345 0.000000E+00 0.000000E+00

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
715       695    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
715       696    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
716       639    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
716       640    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
716       696    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
716       697    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
717       640    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
717       641    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
717       697    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
717       698    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
718       641    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
718       642    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
718       698    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
718       699    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
719       642    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
719       643    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
719       699    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
719       700    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
720       643    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
720       644    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
720       700    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
720       701    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
721       644    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
721       645    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
721       701    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
721       702    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
722       645    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
722       646    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
722       702    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
722       703    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
723       646    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
723       647    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
723       703    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
723       704    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       647    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       648    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       704    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       705    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       648    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       649    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       705    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       706    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       650    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       651    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       707    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       708    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       651    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       652    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

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727       708    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
727       709    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       652    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       653    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       709    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
728       710    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
729       653    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
729       654    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
729       710    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
729       711    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
730       654    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
730       655    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
730       711    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
730       712    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
731       655    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
731       656    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
731       712    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
731       713    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
732       656    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
732       657    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
732       713    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
732       714    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
733       657    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
733       658    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
733       714    14.1345       0.000000E+00   0.000000E+00
```

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
733       715    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
734       658    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
734       659    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
734       715    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
734       716    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
735       659    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
735       660    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
735       716    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
735       717    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
736       660    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
736       661    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
736       717    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
736       718    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
737       661    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
737       662    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
737       718    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
737       719    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
738       662    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
738       663    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
738       719    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
738       720    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
739       663    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
739       664    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
739       720    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
739       721    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
740       664    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
740       665    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
740       721    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
740       722    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
741       665    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
741       666    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
741       722    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
741       723    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
742       666    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
742       667    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
742       723    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
742       724    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
743       667    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
743       668    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
743       724    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
743       725    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
744       668    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
744       669    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
744       725    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
744       726    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
745       669    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
745       670    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
745       726    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
       745       727    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       746       670    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       746       671    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       746       727    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       746       728    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       747       671    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       747       672    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       747       728    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       747       729    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       748       672    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       748       673    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       748       729    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       748       730    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       749       673    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       749       674    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       749       730    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       749       731    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       750       674    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       750       675    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       750       731    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       750       732    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       751       675    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       751       676    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       751       732    14.1345       0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
       751       733    14.1345       0.000000E+00   0.000000E+00
```

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
752       676    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
752       677    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
752       733    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
752       734    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
753       677    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
753       678    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
753       734    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
753       735    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
754       678    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
754       679    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
754       735    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
754       736    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
755       679    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
755       680    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
755       736    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
755       737    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
756       680    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
756       681    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
756       737    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
756       738    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
757       681    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
757       682    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
757       738    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
757       739    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
758       682    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
758       683    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
758       739    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
758       740    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
759       683    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
759       684    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
759       740    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
759       741    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
760       684    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
760       685    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
760       741    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
760       742    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       685    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       686    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       742    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       743    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       686    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       687    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       743    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       744    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
763       687    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
763       688    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
763       744    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
763       745    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
764       688    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
764       689    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
764       745    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
764       746    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
765       689    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
765       690    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
765       746    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
765       747    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
766       690    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
766       691    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
766       747    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
766       748    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
767       691    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
767       692    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
767       748    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
767       749    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
768       692    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
768       693    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
768       749    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
768       750    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       693    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       694    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       750    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       751    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
770       694    14.1345       0.000000E+00   0.000000E+00
```

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
770       695    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
770       751    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
770       752    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
771       695    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
771       696    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
771       752    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
771       753    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
772       696    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
772       697    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
772       753    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
772       754    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       697    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       698    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       754    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       755    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
774       698    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
774       699    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
774       755    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
774       756    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       699    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       700    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       756    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       757    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       700    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
776       701    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       757    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       758    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       701    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       702    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       758    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       759    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       702    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       703    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       759    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       760    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       703    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       704    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       760    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       761    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       704    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       705    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       761    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       762    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       705    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       706    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       762    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
781       763    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
782       707    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
       782       708    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       782       764    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       782       765    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       783       708    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       783       709    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       783       765    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       783       766    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       784       709    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       784       710    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       784       766    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       784       767    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       785       710    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       785       711    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       785       767    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       785       768    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       786       711    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       786       712    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       786       768    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       786       769    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       787       712    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       787       713    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       787       769    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       787       770    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       788       713    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
       788       714    14.1345       0.000000E+00   0.000000E+00
```

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
788       770    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
788       771    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
789       714    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
789       715    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
789       771    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
789       772    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
790       715    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
790       716    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
790       772    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
790       773    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
791       716    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
791       717    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
791       773    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
791       774    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
792       717    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
792       718    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
792       774    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
792       775    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
793       718    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
793       719    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
793       775    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
793       776    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
794       719    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
794       720    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
794       776    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
794       777    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
795       720    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
795       721    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
795       777    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
795       778    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
796       721    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
796       722    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
796       778    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
796       779    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
797       722    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
797       723    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
797       779    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
797       780    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       723    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       724    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       780    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       781    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
799       724    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
799       725    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
799       781    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
799       782    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
800       725    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
800       726    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

800 782 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
800 783 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
801 726 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
801 727 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
801 783 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
801 784 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
802 727 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
802 728 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
802 784 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
802 785 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
803 728 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
803 729 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
803 785 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
803 786 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
804 729 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
804 730 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
804 786 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
804 787 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
805 730 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
805 731 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
805 787 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
805 788 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
806 731 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
806 732 14.1345 0.000000E+00 0.000000E+00
5.76999 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
806 788 14.1345 0.000000E+00 0.000000E+00

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5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
806       789    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
807       732    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
807       733    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
807       789    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
807       790    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
808       733    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
808       734    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
808       790    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
808       791    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
809       734    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
809       735    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
809       791    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
809       792    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
810       735    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
810       736    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
810       792    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
810       793    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
811       736    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
811       737    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
811       793    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
811       794    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
812       737    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
812       738    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
812       794    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
812       795    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
813       738    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
813       739    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
813       795    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
813       796    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
814       739    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
814       740    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
814       796    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
814       797    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
815       740    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
815       741    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
815       797    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
815       798    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
816       741    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
816       742    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
816       798    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
816       799    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
817       742    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
817       743    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
817       799    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
817       800    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
818       743    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
818       744    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
818       800    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

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818       801    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
819       744    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
819       745    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
819       801    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
819       802    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
820       745    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
820       746    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
820       802    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
820       803    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
821       746    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
821       747    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
821       803    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
821       804    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
822       747    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
822       748    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
822       804    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
822       805    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
823       748    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
823       749    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
823       805    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
823       806    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
824       749    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
824       750    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
824       806    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
824       807    14.1345       0.000000E+00   0.000000E+00
```

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5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
825       750    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
825       751    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
825       807    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
825       808    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
826       751    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
826       752    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
826       808    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
826       809    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
827       752    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
827       753    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
827       809    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
827       810    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
828       753    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
828       754    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
828       810    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
828       811    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
829       754    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
829       755    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
829       811    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
829       812    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
830       755    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
830       756    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
830       812    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
830       813    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

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                0.000000E+00
831       756    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
831       757    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
831       813    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
831       814    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       757    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       758    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       814    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       815    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       758    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       759    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       815    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       816    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       759    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       760    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       816    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       817    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       760    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       761    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       817    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       818    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       761    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       762    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       818    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       819    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
837       762    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       763    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       819    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       820    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
838       764    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
838       765    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
839       765    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
839       766    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
840       766    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
840       767    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
841       767    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
841       768    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
842       768    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
842       769    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
843       769    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
843       770    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
844       770    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
844       771    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
845       771    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
845       772    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
846       772    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
846       773    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
847       773    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
847       774    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
848       774    5.62557       0.000000E+00   0.000000E+00
```

```
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
848       775    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
849       775    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
849       776    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
850       776    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
850       777    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
851       777    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
851       778    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
852       778    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
852       779    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
853       779    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
853       780    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
854       780    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
854       781    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
855       781    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
855       782    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
856       782    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
856       783    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
857       783    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
857       784    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
858       784    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
858       785    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
859       785    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
859       786    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
860       786    5.77071       0.000000E+00   0.000000E+00
5.76903       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
860       787    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
861       787    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
861       788    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
862       788    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
862       789    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
863       789    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
863       790    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
864       790    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
864       791    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
865       791    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
865       792    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
866       792    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
866       793    6.63450        0.000000E+00   0.000000E+00
5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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5.76905        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
868       795    6.63450        0.000000E+00   0.000000E+00
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                0.000000E+00
869       795    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
869       796    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
870       796    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
870       797    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
871       797    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
871       798    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
872       798    5.77071        0.000000E+00   0.000000E+00
5.76903        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

872 799 5.77071 0.000000E+00 0.000000E+00
5.76903 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
873 799 5.77071 0.000000E+00 0.000000E+00
5.76903 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
873 800 5.77071 0.000000E+00 0.000000E+00
5.76903 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
874 800 5.77071 0.000000E+00 0.000000E+00
5.76903 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
874 801 5.77071 0.000000E+00 0.000000E+00
5.76903 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
875 801 5.77071 0.000000E+00 0.000000E+00
5.76903 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
875 802 5.77071 0.000000E+00 0.000000E+00
5.76903 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
876 802 5.77071 0.000000E+00 0.000000E+00
5.76903 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
876 803 5.77071 0.000000E+00 0.000000E+00
5.76903 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
877 803 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
877 804 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
878 804 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
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0.000000E+00
879 805 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
879 806 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
880 806 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
880 807 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
881 807 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
881 808 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
882 808 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
882 809 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
883 809 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
883 810 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
884 810 5.62557 0.000000E+00 0.000000E+00
5.76909 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
884 811 5.62557 0.000000E+00 0.000000E+00

```
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
885       811    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
885       812    5.62557       0.000000E+00   0.000000E+00
5.76909       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
886       812    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
886       813    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
887       813    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
887       814    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
888       814    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
888       815    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
889       815    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
889       816    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
890       816    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
890       817    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
891       817    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
891       818    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
892       818    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
892       819    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
893       819    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
893       820    6.10844       0.000000E+00   0.000000E+00
5.76908       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
894       764    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
894       765    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
894       821    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
894       822    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
895       765    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
895       766    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

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                0.000000E+00
895       822    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
895       823    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       766    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       767    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       823    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       824    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       767    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       768    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       824    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       825    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       768    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       769    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       825    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       826    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       769    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       770    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       826    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       827    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
900       770    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
900       771    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
900       827    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
900       828    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
901       771    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
901       772    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
       901       828    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       901       829    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       902       772    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       902       773    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       902       829    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       902       830    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       903       773    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       903       774    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       903       830    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       903       831    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       904       774    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       904       775    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       904       831    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       904       832    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       905       775    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       905       776    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       905       832    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       905       833    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       906       776    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       906       777    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       906       833    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       906       834    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       907       777    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       907       778    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       907       834    14.1345       0.000000E+00   0.000000E+00
```

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5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
907       835    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
908       778    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
908       779    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
908       835    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
908       836    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
909       779    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
909       780    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
909       836    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
909       837    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
910       780    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
910       781    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
910       837    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
910       838    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
911       781    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
911       782    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
911       838    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
911       839    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
912       782    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
912       783    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
912       839    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
912       840    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
913       783    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
913       784    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
913       840    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

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                0.000000E+00
913       841    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
914       784    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
914       785    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
914       841    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
914       842    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
915       785    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
915       786    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
915       842    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
915       843    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
916       786    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
916       787    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
916       843    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
916       844    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
917       787    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
917       788    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
917       844    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
917       845    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
918       788    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
918       789    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
918       845    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
918       846    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
919       789    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
919       790    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
919       846    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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       919       847    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       920       790    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       920       791    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       920       847    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       920       848    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       921       791    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       921       792    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       921       848    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       921       849    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       922       792    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       922       793    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       922       849    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       922       850    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       923       793    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       923       794    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       923       850    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       923       851    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       924       794    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       924       795    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       924       851    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       924       852    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       925       795    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       925       796    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       925       852    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       925       853    14.1345       0.000000E+00   0.000000E+00
```

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5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
926       796    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
926       797    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
926       853    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
926       854    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
927       797    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
927       798    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
927       854    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
927       855    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
928       798    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
928       799    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
928       855    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
928       856    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
929       799    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
929       800    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
929       856    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
929       857    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
930       800    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
930       801    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
930       857    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
930       858    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
931       801    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
931       802    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
931       858    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
931       859    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
932       802    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
932       803    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
932       859    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
932       860    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
933       803    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
933       804    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
933       860    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
933       861    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
934       804    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
934       805    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
934       861    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
934       862    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
935       805    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
935       806    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
935       862    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
935       863    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
936       806    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
936       807    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
936       863    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
936       864    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
937       807    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
937       808    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
937       864    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
937       865    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
938       808    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
938       809    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
938       865    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
938       866    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
939       809    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
939       810    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
939       866    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
939       867    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
940       810    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
940       811    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
940       867    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
940       868    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
941       811    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
941       812    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
941       868    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
941       869    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
942       812    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
942       813    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
942       869    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
942       870    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
943       813    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
943       814    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
943       870    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
943       871    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
944       814    14.1345       0.000000E+00   0.000000E+00
```

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5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
944       815    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
944       871    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
944       872    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
945       815    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
945       816    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
945       872    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
945       873    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
946       816    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
946       817    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
946       873    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
946       874    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
947       817    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
947       818    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
947       874    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
947       875    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
948       818    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
948       819    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
948       875    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
948       876    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
949       819    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
949       820    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
949       876    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
949       877    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
950       821    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

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                0.000000E+00
950       822    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
950       878    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
950       879    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
951       822    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
951       823    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
951       879    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
951       880    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
952       823    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
952       824    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
952       880    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
952       881    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
953       824    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
953       825    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
953       881    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
953       882    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
954       825    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
954       826    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
954       882    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
954       883    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
955       826    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
955       827    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
955       883    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
955       884    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
956       827    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
       956       828    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       956       884    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       956       885    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       957       828    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       957       829    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       957       885    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       957       886    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       958       829    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       958       830    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       958       886    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       958       887    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       959       830    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       959       831    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       959       887    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       959       888    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       960       831    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       960       832    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       960       888    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       960       889    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       961       832    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       961       833    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       961       889    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       961       890    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       962       833    14.1345       0.000000E+00   0.000000E+00
       5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       962       834    14.1345       0.000000E+00   0.000000E+00
```

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
962       890    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
962       891    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
963       834    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
963       835    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
963       891    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
963       892    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
964       835    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
964       836    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
964       892    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
964       893    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
965       836    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
965       837    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
965       893    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
965       894    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
966       837    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
966       838    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
966       894    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
966       895    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
967       838    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
967       839    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
967       895    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
967       896    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
968       839    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
968       840    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
968       896    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
968       897    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
969       840    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
969       841    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
969       897    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
969       898    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
970       841    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
970       842    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
970       898    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
970       899    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
971       842    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
971       843    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
971       899    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
971       900    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
972       843    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
972       844    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
972       900    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
972       901    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
973       844    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
973       845    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
973       901    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
973       902    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
974       845    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
974       846    14.1345        0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
974       902    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
974       903    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
975       846    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
975       847    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
975       903    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
975       904    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
976       847    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
976       848    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
976       904    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
976       905    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
977       848    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
977       849    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
977       905    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
977       906    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
978       849    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
978       850    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
978       906    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
978       907    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
979       850    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
979       851    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
979       907    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
979       908    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
980       851    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
980       852    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
980       908    14.1345       0.000000E+00   0.000000E+00
```

```
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
980       909    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
981       852    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
981       853    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
981       909    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
981       910    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
982       853    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
982       854    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
982       910    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
982       911    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
983       854    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
983       855    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
983       911    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
983       912    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
984       855    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
984       856    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
984       912    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
984       913    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
985       856    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
985       857    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
985       913    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
985       914    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
986       857    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
986       858    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
986       914    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
986       915    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
987       858    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
987       859    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
987       915    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
987       916    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
988       859    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
988       860    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
988       916    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
988       917    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
989       860    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
989       861    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
989       917    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
989       918    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
990       861    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
990       862    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
990       918    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
990       919    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
991       862    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
991       863    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
991       919    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
991       920    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
992       863    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
992       864    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
992       920    14.1345        0.000000E+00   0.000000E+00
5.76999        0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
992       921    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
993       864    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
993       865    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
993       921    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
993       922    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
994       865    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
994       866    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
994       922    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
994       923    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
995       866    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
995       867    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
995       923    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
995       924    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
996       867    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
996       868    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
996       924    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
996       925    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
997       868    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
997       869    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
997       925    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
997       926    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
998       869    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
998       870    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
998       926    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
998       927    14.1345       0.000000E+00   0.000000E+00
```

```
 5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 999       870    14.1345       0.000000E+00   0.000000E+00
 5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 999       871    14.1345       0.000000E+00   0.000000E+00
 5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 999       927    14.1345       0.000000E+00   0.000000E+00
 5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 999       928    14.1345       0.000000E+00   0.000000E+00
 5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1000       871    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1000       872    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1000       928    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1000       929    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1001       872    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1001       873    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1001       929    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1001       930    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1002       873    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1002       874    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1002       930    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1002       931    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1003       874    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1003       875    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1003       931    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1003       932    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1004       875    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1004       876    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1004       932    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1004       933    14.1345       0.000000E+00   0.000000E+00
5.76999       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                    0.000000E+00
      1005       876    14.1345       0.000000E+00   0.000000E+00
      5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
      1005       877    14.1345       0.000000E+00   0.000000E+00
      5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
      1005       933    14.1345       0.000000E+00   0.000000E+00
      5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00
      1005       934    14.1345       0.000000E+00   0.000000E+00
      5.76999       0.000000E+00   0.000000E+00   0.000000E+00
                    0.000000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =          2016
          LARGEST NODE OR ELEMENT NUMBER              =          1005




          L O A D   C A S E       25


 DT_M_Cool


TMPE  LOAD INPUT


    NUMBER OF VALUES =  8     START LOCATION =  1


  ELEMENT      NODE        VALUE 1        VALUE 2        VALUE 3
  VALUE 4        VALUE 5        VALUE 6        VALUE 7

       446       422   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       446       423   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       446       479   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       446       480   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       447       423   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       447       424   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       447       480   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       447       481   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       448       424   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       448       425   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       448       481   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
```

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448       482   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
449       425   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
449       426   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
449       482   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
449       483   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
450       426   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
450       427   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
450       483   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
450       484   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
451       427   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
451       428   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
451       484   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
451       485   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
452       428   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
452       429   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
452       485   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
452       486   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
453       429   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
453       430   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
453       486   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
453       487   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       430   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       431   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       487   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
454       488   -16.9615       0.000000E+00   0.000000E+00
```

```
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       431   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       432   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       488   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
455       489   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       432   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       433   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       489   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
456       490   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       433   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       434   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       490   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
457       491   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       434   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       435   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       491   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
458       492   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
459       435   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
459       493   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       436   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       493   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
460       494   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
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                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
461       494   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
462       438   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
462       495   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
462       496   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
463       439   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
463       496   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
465       499   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
466       442   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
466       500   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
470       447   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
470       503   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
470       504   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
471       447   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
471       448   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
471       504   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
471       505   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
472       448   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
472       449   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
472       505   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
472       506   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
473       449   -16.9615       0.000000E+00   0.000000E+00
```

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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
473       506   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
473       507   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
474       451   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
474       507   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
474       508   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
475       452   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
475       508   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
475       509   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       453   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       509   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
476       510   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       453   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
477       454   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
477       510   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
477       511   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
478       511   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
478       512   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
479       455   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
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                  0.000000E+00
479       512   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
479       513   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
480       456   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
480       457   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
480       513   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
480       514   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
481       458   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
481       514   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
481       515   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
482       459   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
482       515   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
482       516   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
483       459   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
483       460   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
483       516   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
483       517   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
484       461   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
484       517   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
484       518   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
485       461   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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                0.000000E+00
485       519   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
486       462   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
487       521   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
488       465   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
488       521   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
488       522   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
489       523   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
490       466   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
490       467   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
490       523   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
490       524   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
491       467   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       468   -16.9615       0.000000E+00   0.000000E+00
```

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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       524   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
491       525   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
492       468   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
492       469   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
492       525   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
493       469   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
493       470   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
493       526   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
493       527   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       470   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       471   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       527   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
494       528   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       471   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       472   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       528   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
495       529   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
496       472   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
496       473   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
496       529   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
496       530   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
497       473   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
497       474   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

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                 0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
498       474   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
498       475   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
498       531   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
498       532   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
499       475   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
499       476   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
499       532   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
499       533   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
500       476   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
500       477   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
500       533   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
500       534   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
501       477   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
501       478   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
501       534   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
501       535   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
502       479   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
502       480   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
502       536   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
502       537   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
503       480   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
503       481   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
```

```
503       537   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
503       538   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       481   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       482   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       538   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
504       539   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       482   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       483   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       539   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
505       540   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
506       483   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
506       484   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
506       540   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
506       541   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
507       485   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
507       541   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
507       542   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       485   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       486   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       542   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
508       543   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       486   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       487   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       543   -16.9615       0.000000E+00   0.000000E+00
```

```
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
509       544   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       487   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
510       488   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
510       544   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
511       488   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
511       489   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
512       489   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
512       490   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
512       546   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
512       547   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
513       490   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
513       491   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
513       547   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
513       548   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
514       491   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
514       492   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
514       548   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
514       549   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
515       492   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
515       493   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
515       549   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                 0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
516       493   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
516       494   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
516       550   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
516       551   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
517       494   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
517       495   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
517       551   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
517       552   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
518       495   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
518       496   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
518       552   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
518       553   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
519       496   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
519       497   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
519       553   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
519       554   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
520       497   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
520       498   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
520       554   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
520       555   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
521       498   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
521       499   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
521       555   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
```

```
       521       556   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       522       499   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       522       500   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       522       556   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       522       557   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       523       500   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       523       501   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       523       557   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       523       558   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       524       501   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       524       502   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       524       558   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       524       559   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       525       502   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       525       503   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       525       559   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       525       560   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       526       503   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       526       504   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       526       560   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       526       561   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       527       504   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       527       505   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       527       561   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       527       562   -16.9615       0.000000E+00   0.000000E+00
```

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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
528       506   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
528       562   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
528       563   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
529       506   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
529       507   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
529       563   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
529       564   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
530       507   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
530       508   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
530       564   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
531       508   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
531       509   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
531       566   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
532       509   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
532       510   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
532       566   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
532       567   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       510   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       511   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       567   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
533       568   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
534       568    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
535       512    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
535       513    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
535       569    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
535       570    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
536       513    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
536       514    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
536       570    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
536       571    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
537       514    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
537       515    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
537       571    -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
537       572    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
538       515    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
538       516    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
538       572    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
538       573    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
539       516    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
539       517    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
539       573    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
539       574    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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       540       517   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       540       518   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       540       574   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       540       575   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       541       518   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       541       519   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       541       575   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       541       576   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       542       519   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       542       520   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       542       576   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       542       577   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       543       520   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       543       521   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       543       577   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       543       578   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       544       521   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       544       522   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       544       578   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
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                       0.000000E+00
       545       522   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       545       523   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       545       579   -16.9615       0.000000E+00   0.000000E+00
       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
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       -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       546       523   -16.9615       0.000000E+00   0.000000E+00
```

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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
546       580   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
547       525   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
548       525   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       526   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       582   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
548       583   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       526   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       527   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
549       583   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
550       528   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
550       584   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
550       585   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
551       528   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
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                  0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
552       587   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
553       530   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
553       531   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
553       587   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
554       532   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
554       588   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
554       589   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
555       532   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
555       533   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
555       589   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
555       590   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
556       533   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
556       534   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
556       590   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
556       591   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
557       534   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
557       535   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
557       591   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
557       592   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
558       536   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
       558       537   -7.33022       0.000000E+00   0.000000E+00
       -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       559       537   -7.33022       0.000000E+00   0.000000E+00
       -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       559       538   -7.33022       0.000000E+00   0.000000E+00
       -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       560       538   -7.33022       0.000000E+00   0.000000E+00
       -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       560       539   -7.33022       0.000000E+00   0.000000E+00
       -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       561       539   -7.33022       0.000000E+00   0.000000E+00
       -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       561       540   -7.33022       0.000000E+00   0.000000E+00
       -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       562       540   -7.33022       0.000000E+00   0.000000E+00
       -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       562       541   -7.33022       0.000000E+00   0.000000E+00
       -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       563       541   -7.33022       0.000000E+00   0.000000E+00
       -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       563       542   -7.33022       0.000000E+00   0.000000E+00
       -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       564       542   -7.33022       0.000000E+00   0.000000E+00
       -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       564       543   -7.33022       0.000000E+00   0.000000E+00
       -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       565       543   -6.75077       0.000000E+00   0.000000E+00
       -6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       565       544   -6.75077       0.000000E+00   0.000000E+00
       -6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       566       544   -6.75077       0.000000E+00   0.000000E+00
       -6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       566       545   -6.75077       0.000000E+00   0.000000E+00
       -6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       567       545   -6.75077       0.000000E+00   0.000000E+00
       -6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       567       546   -6.75077       0.000000E+00   0.000000E+00
       -6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       568       546   -6.75077       0.000000E+00   0.000000E+00
       -6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       568       547   -6.75077       0.000000E+00   0.000000E+00
       -6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       569       547   -6.75077       0.000000E+00   0.000000E+00
       -6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       569       548   -6.75077       0.000000E+00   0.000000E+00
       -6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       570       548   -6.75077       0.000000E+00   0.000000E+00
       -6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                       0.000000E+00
       570       549   -6.75077       0.000000E+00   0.000000E+00
```

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-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
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-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
571       550   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
572       550   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
572       551   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
573       551   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
576       555   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
577       555   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
577       556   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
578       556   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
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                0.000000E+00
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-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
585       564   -7.96150       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
588       566   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
588       567   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
589       567   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
589       568   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
590       568   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
590       569   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
591       569   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
591       570   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
592       570   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
593       571   -6.92494       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

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                0.000000E+00
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                0.000000E+00
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-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
604       582   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
605       583   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
605       584   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
606       584   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
606       585   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
607       585   -7.33022       0.000000E+00   0.000000E+00
```

```
      -6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
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                      0.000000E+00
      608       586   -7.33022       0.000000E+00   0.000000E+00
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                      0.000000E+00
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                      0.000000E+00
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                      0.000000E+00
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                      0.000000E+00
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                      0.000000E+00
      610       589   -7.33022       0.000000E+00   0.000000E+00
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                      0.000000E+00
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                      0.000000E+00
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                      0.000000E+00
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                      0.000000E+00
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                      0.000000E+00
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                      0.000000E+00
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                      0.000000E+00
      614       536   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      614       537   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
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                      0.000000E+00
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      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      615       537   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      615       538   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      615       594   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      615       595   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      616       538   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      616       539   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      616       595   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

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                 0.000000E+00
616       596   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
617       539   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
617       540   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
617       596   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
617       597   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
618       540   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
618       541   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
618       597   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
618       598   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
619       541   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
619       542   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
619       598   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
619       599   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
620       542   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
620       543   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
620       599   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
620       600   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
621       544   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
621       600   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
621       601   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
622       544   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
622       545   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
622       601   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
```

```
       622       602   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       623       545   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       623       546   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       623       602   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       623       603   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       624       546   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       624       547   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       624       603   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       624       604   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       625       547   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       625       548   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       625       604   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       625       605   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       626       548   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       626       549   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       626       605   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       626       606   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       627       549   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       627       550   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       627       606   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       627       607   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       628       550   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       628       551   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       628       607   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       628       608   -16.9615       0.000000E+00   0.000000E+00
```

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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
629       608   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
629       609   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
630       609   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
631       611   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
632       555   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
632       611   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
632       612   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       557   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       613   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
634       614   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
635       614   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
635       615   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
636       558   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
636       559   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
636       615   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
636       616   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
637       559   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
637       560   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
637       616   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
637       617   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
638       560   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
638       561   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
638       617   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
638       618   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
639       561   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
639       619   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
640       562   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
640       619   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
640       620   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
641       564   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
641       620   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
641       621   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
642       565   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
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                0.000000E+00
642       622   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
643       622   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
643       623   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
644       567   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
644       623   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
644       624   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       567   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       568   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       624   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
645       625   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       568   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       569   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       625   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
646       626   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       569   -16.9615       0.000000E+00   0.000000E+00
```

```
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       570   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       626   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
647       627   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       570   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       571   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       627   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
648       628   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       571   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       572   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       628   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
649       629   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       572   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       573   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       629   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
650       630   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       573   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
651       630   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
652       632   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       575   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       632   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
653       633   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       577   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       633   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
654       634   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       577   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       578   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
655       634   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
656       578   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
656       579   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
656       635   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
656       636   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
657       579   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
658       580   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
658       637   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
658       638   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
659       581   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
659       639   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
660       639   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
663       586   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
663       642   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
664       586   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       587   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       643   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
664       644   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       587   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       588   -16.9615       0.000000E+00   0.000000E+00
```

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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
665       645   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       588   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
666       589   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       645   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
666       646   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       589   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       590   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       646   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
667       647   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       590   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       591   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       647   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
668       648   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       591   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       592   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       648   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
669       649   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
670       650   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
671       594   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
672       595   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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674       655   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
675       655   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
675       656   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
676       599   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
676       656   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
677       600   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
678       602   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
681       605   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
681       661   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
682       605   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
682       662   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
682       663   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
683       606   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
683       607   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
683       663   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
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690       614   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                0.000000E+00
696       677   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
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699       680   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
701       624   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
701       625   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
701       681   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
701       682   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
702       626   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
702       682   -16.9615       0.000000E+00   0.000000E+00
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702       683   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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703       683   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
704       685   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
705       686   -16.9615       0.000000E+00   0.000000E+00
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706       630   -16.9615       0.000000E+00   0.000000E+00
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706       686   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
708       688   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
711       634   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
711       635   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
711       691   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
711       692   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
712       635   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
712       636   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
712       692   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
712       693   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
713       636   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
713       637   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
713       693   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
713       694   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
       714       637   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       714       638   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       714       694   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       714       695   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       715       638   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       715       639   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       715       695   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       715       696   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       716       639   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       716       640   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       716       696   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       716       697   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       717       640   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       717       641   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       717       697   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       717       698   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       718       641   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       718       642   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       718       698   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       718       699   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       719       642   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       719       643   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       719       699   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       719       700   -16.9615       0.000000E+00   0.000000E+00
      -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
       720       643   -16.9615       0.000000E+00   0.000000E+00
```

```
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
720       644   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
720       700   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
720       701   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
721       644   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
721       645   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
721       701   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
721       702   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
722       645   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
722       646   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
722       702   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
722       703   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
723       646   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
723       647   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
723       703   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
723       704   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       647   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       648   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       704   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
724       705   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       648   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       649   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       705   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
725       706   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
726       650   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
726       651   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
726       707   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
726       708   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
727       651   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
727       652   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
727       708   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
727       709   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
728       652   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
728       653   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
728       709   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
728       710   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
729       653   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
729       654   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
729       710   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
729       711   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
730       654   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
730       655   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
730       711   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
730       712   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
731       655   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
731       656   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
731       712   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
731       713   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
732       656   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
732       657   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
732       713   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
732       714   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
733       657   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
733       658   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
733       714   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
733       715   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
734       658   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
734       659   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
734       715   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
734       716   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
735       659   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
735       660   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
735       716   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
735       717   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
736       660   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
736       661   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
736       717   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
736       718   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
737       661   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
737       662   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
737       718   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
737       719   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
738       662   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
738       663   -16.9615       0.000000E+00   0.000000E+00
```

```
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
738       719   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
738       720   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
739       663   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
739       664   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
739       720   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
739       721   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
740       664   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
740       665   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
740       721   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
740       722   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
741       665   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
741       666   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
741       722   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
741       723   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
742       666   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
742       667   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
742       723   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
742       724   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
743       667   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
743       668   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
743       724   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
743       725   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
744       668   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
744       669   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
744       725   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
744       726   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
745       669   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
745       670   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
745       726   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
745       727   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
746       670   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
746       671   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
746       727   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
746       728   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
747       671   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
747       672   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
747       728   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
748       672   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
748       729   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
749       730   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
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-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
750       675   -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
751       675   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
751       676   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
751       732   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
751       733   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
752       677   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
752       733   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
753       678   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
753       734   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
753       735   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
754       679   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
755       680   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
755       736   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
755       737   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
756       680   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
756       681   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
756       737   -16.9615       0.000000E+00   0.000000E+00
```

```
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
757       682   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
757       738   -16.9615        0.000000E+00   0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
758       683   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
758       739   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
758       740   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
759       683   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
759       684   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
759       740   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
759       741   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
760       684   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
760       685   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
760       741   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
760       742   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       685   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       686   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       742   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
761       743   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       686   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       687   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
762       743   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                 0.000000E+00
762       744   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
763       687   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
763       688   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
763       744   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
763       745   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
764       688   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
764       689   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
764       745   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
764       746   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
765       689   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
765       690   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
765       746   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
765       747   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
766       690   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
766       691   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
766       747   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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                 0.000000E+00
767       691   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
767       692   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
767       748   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
767       749   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
768       692   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
768       693   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
768       749   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
```

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768       750   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       693   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       694   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       750   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
769       751   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
770       694   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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770       752   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
771       695   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
771       696   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
771       752   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
771       753   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
772       696   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
772       697   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
772       753   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
772       754   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       697   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
773       698   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
773       755   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
774       698   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
774       755   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
774       756   -16.9615       0.000000E+00   0.000000E+00
```

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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       699   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       700   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       756   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
775       757   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       700   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       701   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       757   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
776       758   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       701   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       702   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       758   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
777       759   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       702   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       703   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       759   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
778       760   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       703   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       704   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       760   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
779       761   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       704   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       705   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       761   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
780       762   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
781       706   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
781       762   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
781       763   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
782       707   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
782       708   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
782       764   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
782       765   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
783       708   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
783       709   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
783       765   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
783       766   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
784       709   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
784       710   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
784       766   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
784       767   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
785       710   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
785       711   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
785       767   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
785       768   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
786       711   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
786       712   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
786       768   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
786       769   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
787       712   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
787       713   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
787       769   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
787       770   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
788       714   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
788       770   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
788       771   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
789       715   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
789       771   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
789       772   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
790       715   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
790       716   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
790       772   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
790       773   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
791       716   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
791       717   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
791       773   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
791       774   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
792       717   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
792       718   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
792       774   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
792       775   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
793       718   -16.9615       0.000000E+00   0.000000E+00
```

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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
793       775   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
793       776   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
794       719   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
794       720   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
794       776   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
794       777   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
795       720   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
795       777   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
795       778   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
796       721   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
796       722   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
796       778   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
796       779   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
797       722   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
797       723   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
797       779   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
797       780   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       723   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
798       780   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
798       781   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
799       724   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                 0.000000E+00
799       725   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
799       781   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
799       782   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
800       725   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
800       726   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
800       782   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
800       783   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
801       726   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
801       727   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
801       783   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
801       784   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
802       727   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
802       728   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
802       784   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
802       785   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
803       728   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
803       729   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
803       785   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
804       730   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
804       786   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
804       787   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
805       730   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
```

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                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
806       788   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
806       789   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
807       732   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
807       733   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
807       789   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
807       790   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
808       733   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
808       734   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
808       790   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
808       791   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
809       734   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
809       735   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
809       791   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
809       792   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
810       735   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
810       736   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
810       792   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
810       793   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
811       736   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
811       737   -16.9615       0.000000E+00   0.000000E+00
```

```
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
811       793   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
811       794   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
812       737   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
812       738   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
812       794   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
812       795   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
813       738   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
813       739   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
813       795   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
813       796   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
814       739   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
814       740   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
814       796   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
814       797   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
815       740   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
815       741   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
815       797   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
815       798   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
816       741   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
816       742   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
816       798   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
816       799   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
817       742   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
817       743   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
817       799    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
817       800    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
818       743    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
818       744    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
818       800    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
818       801    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
819       744    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
819       745    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
819       801    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
819       802    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
820       745    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
820       746    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
820       802    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
820       803    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
821       746    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
821       747    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
821       803    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
821       804    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
822       747    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
822       748    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
822       804    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
822       805    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
823       748    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
823       749    -16.9615        0.000000E+00   0.000000E+00
-6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
        823       805   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        823       806   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        824       749   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        824       750   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        824       806   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        824       807   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        825       750   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        825       751   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        825       807   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        825       808   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        826       751   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        826       752   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        826       808   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        826       809   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        827       752   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        827       753   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        827       809   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        827       810   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        828       753   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        828       754   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        828       810   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        828       811   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        829       754   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        829       755   -16.9615       0.000000E+00   0.000000E+00
        -6.92333        0.000000E+00   0.000000E+00   0.000000E+00
                        0.000000E+00
        829       811   -16.9615       0.000000E+00   0.000000E+00
```

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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
829       812   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
830       755   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
830       756   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
830       812   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
830       813   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
831       756   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
831       757   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
831       813   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
831       814   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       757   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       758   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       814   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
832       815   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       758   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       759   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       815   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
833       816   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       759   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       760   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       816   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
834       817   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       760   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       761   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
835       817   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                0.000000E+00
835       818   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       761   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       762   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       818   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
836       819   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       762   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       763   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       819   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
837       820   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
838       764   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
838       765   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
839       765   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
839       766   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
840       766   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
840       767   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
841       767   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
841       768   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
842       768   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
842       769   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
843       769   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
843       770   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
844       770   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
844       771   -7.33022        0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
845       771   -6.75077        0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
```

```
845       772   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
846       772   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
846       773   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
847       773   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
847       774   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
848       774   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
848       775   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
849       775   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
849       776   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
850       776   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
850       777   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
851       777   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
851       778   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
852       778   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
852       779   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
853       779   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
853       780   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
854       781   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
855       781   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
855       782   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
856       782   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
856       783   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
857       783   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
857       784   -6.92494       0.000000E+00   0.000000E+00
```

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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
858       785   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
859       785   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
859       786   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
860       786   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
860       787   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
861       787   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
861       788   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
862       788   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
862       789   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
863       789   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
863       790   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
864       790   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
864       791   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
865       791   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
865       792   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
866       792   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
866       793   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
867       793   -7.96150       0.000000E+00   0.000000E+00
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                0.000000E+00
867       794   -7.96150       0.000000E+00   0.000000E+00
-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
868       794   -7.96150       0.000000E+00   0.000000E+00
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                0.000000E+00
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-6.92294       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
869       795   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
869       796   -6.92494       0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
```

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                 0.000000E+00
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-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
870       797   -6.92494        0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
871       797   -6.92494        0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
871       798   -6.92494        0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
872       798   -6.92494        0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
872       799   -6.92494        0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
873       799   -6.92494        0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
873       800   -6.92494        0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
874       800   -6.92494        0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
874       801   -6.92494        0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
875       801   -6.92494        0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
875       802   -6.92494        0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
876       802   -6.92494        0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
876       803   -6.92494        0.000000E+00   0.000000E+00
-6.92293       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
877       803   -6.75077        0.000000E+00   0.000000E+00
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                 0.000000E+00
877       804   -6.75077        0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
878       804   -6.75077        0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
878       805   -6.75077        0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
879       805   -6.75077        0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
879       806   -6.75077        0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
880       806   -6.75077        0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
880       807   -6.75077        0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
881       807   -6.75077        0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
881       808   -6.75077        0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
```

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882       808   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
882       809   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
883       809   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
883       810   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
884       810   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
884       811   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
885       811   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
885       812   -6.75077       0.000000E+00   0.000000E+00
-6.92300       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
886       812   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
886       813   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
887       813   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
887       814   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
888       814   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
888       815   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
889       815   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
889       816   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
890       816   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
890       817   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
891       817   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
891       818   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
892       818   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
892       819   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
893       819   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
893       820   -7.33022       0.000000E+00   0.000000E+00
-6.92299       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
894       764   -16.9615       0.000000E+00   0.000000E+00
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```
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
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                0.000000E+00
894       821   -16.9615        0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
895       765   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
895       766   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
895       822   -16.9615        0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       767   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       823   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
896       824   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       767   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       768   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       824   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
897       825   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       768   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       769   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       825   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
898       826   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       769   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       770   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       826   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
899       827   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
900       770   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
900       771   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
900       827   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
900       828   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
901       771   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
901       772   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
901       828   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
901       829   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
902       772   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
902       773   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
902       829   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
902       830   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
903       773   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
903       774   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
903       830   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
903       831   -16.9615        0.000000E+00   0.000000E+00
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                  0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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                  0.000000E+00
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                  0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
905       776   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
905       832   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
905       833   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
906       776   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
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906       777   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
906       833   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
906       834   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
907       777   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
907       778   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
907       834   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
908       778   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
908       779   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
909       780   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
909       836   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
910       781   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
911       781   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
911       782   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
911       838   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
912       782   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
912       783   -16.9615       0.000000E+00   0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
913       784   -16.9615        0.000000E+00   0.000000E+00
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                0.000000E+00
913       840   -16.9615        0.000000E+00   0.000000E+00
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                0.000000E+00
913       841   -16.9615        0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
914       785   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
914       841   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
914       842   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
915       785   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
915       786   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
915       842   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
915       843   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
916       786   -16.9615        0.000000E+00   0.000000E+00
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                0.000000E+00
916       787   -16.9615        0.000000E+00   0.000000E+00
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                0.000000E+00
916       843   -16.9615        0.000000E+00   0.000000E+00
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                0.000000E+00
916       844   -16.9615        0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
917       788   -16.9615        0.000000E+00   0.000000E+00
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                0.000000E+00
917       844   -16.9615        0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
918       789   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
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                 0.000000E+00
918       845   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
919       790   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
919       846   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
919       847   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
920       790   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
920       791   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
920       847   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
920       848   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
921       792   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
921       848   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
921       849   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
922       793   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
922       849   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
923       794   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
923       850   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
923       851   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
924       795   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
```

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924       851   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
924       852   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
925       795   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
925       796   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
925       852   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
925       853   -16.9615       0.000000E+00   0.000000E+00
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926       796   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
926       797   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
927       798   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
927       854   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
928       798   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
928       799   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
928       855   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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                0.000000E+00
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                0.000000E+00
929       800   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
929       856   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
929       857   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
930       800   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
930       801   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
930       857   -16.9615       0.000000E+00   0.000000E+00
```

```
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
930       858   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
931       801   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
931       802   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
931       858   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
931       859   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
932       802   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
932       803   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
932       859   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
932       860   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
933       803   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
933       804   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
933       860   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
933       861   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
934       804   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
934       805   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
934       861   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
934       862   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
935       805   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
935       806   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
935       862   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
935       863   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
936       806   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
936       807   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
936       863   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
936       864   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
937       807   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
937       808   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
937       864   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
937       865   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
938       808   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
938       809   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
938       865   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
938       866   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
939       809   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
939       810   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
939       866   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
939       867   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
940       810   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
940       811   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
940       867   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
940       868   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
941       811   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
941       812   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
941       868   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
941       869   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
942       812   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
942       813   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
942       869   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
942       870   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
943       813   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
943       814   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
943       870   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
943       871   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
944       814   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
944       815   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
944       871   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
944       872   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
945       815   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
945       816   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
945       872   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
945       873   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
946       816   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
946       817   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
946       873   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
946       874   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
947       817   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
947       818   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
947       874   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
947       875   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
948       818   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
948       819   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
948       875   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
948       876   -16.9615       0.000000E+00   0.000000E+00
```

```
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
949       819   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
949       820   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
949       876   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
949       877   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
950       822   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
950       878   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
950       879   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
951       822   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
951       823   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
951       879   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
951       880   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
952       823   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
952       824   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
952       880   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
952       881   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
953       824   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
953       825   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
953       881   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
953       882   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
954       825   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
954       826   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
954       882   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
954       883   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

```
                  0.000000E+00
955       826   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
955       827   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
955       883   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
955       884   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
956       827   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
956       828   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
956       884   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
956       885   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
957       828   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
957       829   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
957       885   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
957       886   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
958       829   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
958       830   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
958       886   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
958       887   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
959       830   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
959       831   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
959       887   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
959       888   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
960       831   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
960       832   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
960       888   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
960       889   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
961       832   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
961       833   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
961       889   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
961       890   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
962       833   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
962       834   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
962       890   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
962       891   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
963       834   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
963       835   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
963       891   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
963       892   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
964       835   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
964       836   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
964       892   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
964       893   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
965       836   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
965       837   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
965       893   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
965       894   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
966       837   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
966       838   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
966       894   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
966       895   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
967       838   -16.9615       0.000000E+00   0.000000E+00
```

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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
967       895   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
967       896   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
968       839   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
968       840   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
968       896   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
968       897   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
969       840   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
969       841   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
969       897   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
969       898   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
970       841   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
970       842   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
970       898   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
970       899   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
971       842   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
971       843   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
971       899   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
971       900   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
972       844   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
972       900   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
972       901   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
973       844   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
```

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                  0.000000E+00
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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
973       901   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
973       902   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
974       845   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
974       846   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
974       902   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
974       903   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
975       846   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
975       847   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
975       903   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
975       904   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
976       847   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
976       848   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
976       904   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
976       905   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
977       848   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
977       849   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
977       905   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
977       906   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
978       849   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
978       850   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
978       906   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
978       907   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
979       850   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                  0.000000E+00
```

```
979       851   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
979       907   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
979       908   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
980       851   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
980       852   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
980       908   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
980       909   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
981       852   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
981       853   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
981       909   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
981       910   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
982       853   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
982       854   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
982       910   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
982       911   -16.9615       0.000000E+00   0.000000E+00
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                0.000000E+00
983       854   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
983       855   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
983       911   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
983       912   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
984       855   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
984       856   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
984       912   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
984       913   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
985       856   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                0.000000E+00
985       857   -16.9615       0.000000E+00   0.000000E+00
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      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      985       913   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      985       914   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      986       857   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      986       858   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      986       914   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      986       915   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      987       858   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      987       859   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      987       915   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
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      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      988       859   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      988       860   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      988       916   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
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                      0.000000E+00
      989       860   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      989       861   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      989       917   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      989       918   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      990       861   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      990       862   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      990       918   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
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                      0.000000E+00
      991       862   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                      0.000000E+00
      991       863   -16.9615       0.000000E+00   0.000000E+00
      -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
991       920   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
992       863   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
992       864   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
992       920   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
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                 0.000000E+00
993       864   -16.9615        0.000000E+00   0.000000E+00
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                 0.000000E+00
993       865   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
993       921   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
993       922   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
994       865   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
994       866   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
994       922   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
994       923   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
995       866   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
995       867   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
995       923   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
995       924   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
996       867   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
996       868   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
996       924   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
996       925   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
997       868   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
997       869   -16.9615        0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
```

```
 997       925   -16.9615       0.000000E+00   0.000000E+00
 -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 997       926   -16.9615       0.000000E+00   0.000000E+00
 -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 998       869   -16.9615       0.000000E+00   0.000000E+00
 -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 998       870   -16.9615       0.000000E+00   0.000000E+00
 -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 998       926   -16.9615       0.000000E+00   0.000000E+00
 -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 998       927   -16.9615       0.000000E+00   0.000000E+00
 -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 999       870   -16.9615       0.000000E+00   0.000000E+00
 -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 999       871   -16.9615       0.000000E+00   0.000000E+00
 -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 999       927   -16.9615       0.000000E+00   0.000000E+00
 -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
 999       928   -16.9615       0.000000E+00   0.000000E+00
 -6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1000       871   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1000       872   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1000       928   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1000       929   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1001       872   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1001       873   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1001       929   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1001       930   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1002       873   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1002       874   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1002       930   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1002       931   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1003       874   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1003       875   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1003       931   -16.9615       0.000000E+00   0.000000E+00
```

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-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1003       932   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1004       875   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1004       876   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1004       932   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1004       933   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1005       876   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1005       877   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1005       933   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00
1005       934   -16.9615       0.000000E+00   0.000000E+00
-6.92333       0.000000E+00   0.000000E+00   0.000000E+00
                 0.000000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =          2016
    LARGEST NODE OR ELEMENT NUMBER              =          1005



    DATA STORAGE LOCATIONS USED                 =         97981



    E L E M E N T   O U T P U T


    ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER


    FIRST    LAST    DIFF          OUTPUT      AVERAGED NODAL
    NODAL FORCE      HISTORY       PLOT FILE
     ELT     ELT     RNCE          CONTROL     VALUES GROUP
     OUTPUT GROUP     CONTROL       CONTROL

         1    1005       1              0              0
         0              0              0

    TOTAL NUMBER OF ELEMENT OUTPUT SETS         =             1
    TOTAL NUMBER OF ELEMENTS OUTPUT             =          1005
    LARGEST ELEMENT NUMBER INPUT                =          1005
    LARGEST ELEMENT OUTPUT CONTROL NUMBER       =             0

    DATA STORAGE LOCATIONS USED                 =             4



    N O D E   O U T P U T


    FIRST    LAST    DIFF          OUTPUT    HISTORY
```

| NODE | NODE | RNCE | CONTROL | CONTROL |
|---|---|---|---|---|
| 1 | 1500 | 1 | 0 | 0 |

TOTAL NUMBER OF NODE OUTPUT SETS = 1
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 1500
LARGEST NODE OUTPUT CONTROL NUMBER = 0
LARGEST NODE HISTORY CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 0

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS = 1005
TOTAL NUMBER OF CONSTRAINTS = 0
TOTAL NUMBER OF NODES = 1500
TOTAL NUMBER OF SUPPORT NODES = 3
TOTAL NUMBER OF LOADING CASES = 5

LOCATIONS USED DURING DATA PROCESSING = 78776066
LOCATIONS AVAILABLE = 98304000

TIME USED TO PROCESS INPUT DATA = 2.0460 SEC.

TIME AT CENTRAL PROCESSOR = 9:56:31 ON 16/04/21 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1901
INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 448

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTYP PROCESSOR)

E S T I M A T E O F M O D E L G E O M E T R I C P R O P E R T I E S A N D L O A D I N G

| MATERIAL | GEOMETRIC SUMMARY | | | ELEMENT |
|---|---|---|---|---|
| SET | LENGTH | AREA | VOLUME | MASS |
| CENTRE OF GRAVITY | | | | |
| X-COORD | Y-COORD | Z-COORD | | |
| | M | sq M | cu M | KG |
| | M | M | M | |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 2 | 8.80000 | 731.250 | 408.733 | 0.102183E+07 |
| 40.3383 | 5.62500 | -3.20199 | | |
| 4 | 55.8900 | 0.000000E+00 | 20.7025 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 3 | 60.3600 | 0.000000E+00 | 1.33843 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 1 | 299.550 | 0.000000E+00 | 24.8142 | 194791. |
| 40.4098 | 5.62500 | -0.205657 | | |
| 5 | 0.000000E+00 | 22.5000 | 6.75000 | 16875.0 |
| 33.0000 | 5.62500 | 0.000000E+00 | | |
| 7 | 0.000000E+00 | 135.000 | 40.5000 | 101250. |
| 40.0000 | 5.62500 | 0.000000E+00 | | |
| 6 | 0.000000E+00 | 22.5000 | 6.75000 | 16875.0 |

```
     47.0000         5.62500        0.000000E+00
 TOTALS FOR
 STRUCTURE     424.600         911.250         509.588        0.135162E+07
 40.3148         5.62500        -2.45035


 MATERIAL      ------------ MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH
 ORIGIN AT (0,0,0) ------------
   SET             Ixx             Iyy             Izz             Ixy
   Iyz             Ixz
              KG  M   **2     KG  M   **2     KG  M   **2     KG  M   **2
              KG  M   **2     KG  M   **2

      9       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
      0.000000E+00    0.000000E+00
      2       0.624634E+08    0.207083E+10    0.208529E+10   -0.231857E+09
      0.184044E+08    0.130886E+09
      4       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
      0.000000E+00    0.000000E+00
      8       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
      0.000000E+00    0.000000E+00
     10       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
      3       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
      0.000000E+00    0.000000E+00
      1       0.805250E+07    0.420141E+09    0.428105E+09   -0.442770E+08
      225338.        0.161495E+07
      5        718564.        0.183938E+08    0.191123E+08   -0.313242E+07
      0.000000E+00    0.000000E+00
      7       0.431138E+07    0.163257E+09    0.167569E+09   -0.227813E+08
      0.000000E+00    0.000000E+00
      6        718564.        0.372937E+08    0.380123E+08   -0.446133E+07
      0.000000E+00    0.000000E+00
 TOTALS FOR
 STRUCTURE    0.762644E+08    0.270992E+10    0.273809E+10   -0.306509E+09
 0.186298E+08    0.132501E+09


 MATERIAL      ------------ MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH
 ORIGINS AT CENTROIDS ---------
   SET             Ixx             Iyy             Izz             Ixy
   Iyz             Ixz
              KG  M   **2     KG  M   **2     KG  M   **2     KG  M   **2
              KG  M   **2     KG  M   **2

      9       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
      0.000000E+00    0.000000E+00
      2       0.196554E+08    0.397647E+09    0.390249E+09   -0.476837E-06
      0.335276E-07   -0.109678E+07
      4       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
      0.000000E+00    0.000000E+00
      8       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
      0.000000E+00    0.000000E+00
     10       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
      3       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
      0.000000E+00    0.000000E+00
      1       0.188095E+07    0.102048E+09    0.103858E+09   -0.149012E-07
      0.232831E-09    -3870.89
      5        184628.         16875.0         201503.       -0.465661E-09
      0.000000E+00    0.000000E+00
      7       0.110777E+07    0.125750E+07    0.236527E+07    0.149012E-07
      0.000000E+00    0.000000E+00
      6        184628.         16875.0         201503.        0.000000E+00
      0.000000E+00    0.000000E+00
 TOTALS FOR
 STRUCTURE    0.253827E+08    0.505025E+09    0.498544E+09   -0.476837E-06
 0.298023E-07   -0.101998E+07


 MATERIAL      ------------ PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL
 AXES ------------------------------------
   SET             I               I               I
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                  11              22              33
                  PRINCIPAL DIRECTIONS
             KG  M   **2     KG  M   **2     KG  M   **2

     9       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     2       0.397647E+09    0.390252E+09    0.196521E+08(-0.00,
     1.00,-0.00)(-0.00, 0.00, 1.00)( 1.00, 0.00, 0.00)
     4       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     8       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
    10       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
    0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     3       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     1       0.103858E+09    0.102048E+09    0.188095E+07(-0.00, 0.00,
     1.00)( 0.00, 1.00, 0.00)( 1.00, 0.00, 0.00)
     5        201503.         184628.         16875.0    ( 0.00, 0.00,
     1.00)( 1.00,-0.00, 0.00)( 0.00, 1.00, 0.00)
     7       0.236527E+07    0.125750E+07    0.110777E+07( 0.00, 0.00,
     1.00)( 0.00, 1.00, 0.00)( 1.00,-0.00, 0.00)
     6        201503.         184628.         16875.0    ( 0.00, 0.00,
     1.00)( 1.00, 0.00, 0.00)( 0.00, 1.00, 0.00)
TOTALS FOR
STRUCTURE    0.505025E+09    0.498547E+09    0.253805E+08(-0.00,
1.00,-0.00)(-0.00, 0.00, 1.00)( 1.00, 0.00, 0.00)


FORCE        ------------------- RESULTANT APPLIED LOAD AT ORIGIN IN
GLOBAL DIRECTIONS ------------------
OUTPUT GROUP      Fx              Fy              Fz              Mx
My              Mz
                   N               N               N             N   .M
                   N   .M          N   .M

LOAD CASE          21
TOTALS FOR
STRUCTURE    0.000000E+00     970605.       -0.147793E-10    -315496.
0.363798E-09    0.393072E+08

LOAD CASE          22
TOTALS FOR
STRUCTURE   -0.931323E-09   -0.162981E-07   -0.198778E-22    0.366708E-08
0.000000E+00   -0.111759E-05

LOAD CASE          23
TOTALS FOR
STRUCTURE   -0.186265E-08   -0.139698E-07   -0.968464E-23   -0.983709E-08
0.000000E+00   -0.166893E-05

LOAD CASE          24
TOTALS FOR
STRUCTURE   -0.139698E-08    0.107102E-07    0.961921E-23   -0.259024E-08
0.000000E+00    0.268221E-06

LOAD CASE          25
TOTALS FOR
STRUCTURE    0.000000E+00    0.651926E-08    0.383783E-23    0.407454E-08
0.232831E-09   -0.208616E-06


         AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS
         AND BEAMS) =   1.388
         AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY)
         =  0.2540


         TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY          = 0.16000E-01 SEC.
         TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX  =     102279


         LOCATIONS USED DURING PRE-SOLUTION PROCESS  =        450000
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 LOCATIONS AVAILABLE                          =      98304000

 TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM  =          5604
 TOTAL NO. OF ACTIVE DEGREES OF FREEDOM      =          5604
 TOTAL NO. OF EQUATIONS                      =          5604
 TOTAL NO. OF ACTIVE NODES                   =           934

 NUMBER OF ELEMENT GROUPS                    =            33
 MAXIMUM NUMBER OF ELEMENTS IN A GROUP       =            32

 MAXIMUM SIZE OF ELEMENT DATA RECORDS        =         63257
 MAXIMUM SIZE OF ELEMENT RESULT RECORDS      =         76451
 MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS    =             0
 MAXIMUM SIZE OF ELEMENT SHAPE RECORDS       =         17090
 TOTAL SIZE OF ELEMENT DATA RECORDS          =       1162278
 TOTAL SIZE OF ELEMENT RESULT RECORDS        =       1825702
 TOTAL SIZE OF ELEMENT SOLUTION RECORDS      =             0
 TOTAL SIZE OF GLOBAL SOLUTION RECORD        =         34741
 TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS   =        187083

 TIME FOR PRE-SOLUTION PROCESS               =  0.90000E-01 SEC.
 (ALL ELEMENT STIFFNESS MATRICES)

 TIME AT CENTRAL PROCESSOR =  9:56:32 ON 16/04/21 (DAY/MTH/YR)

 S O L U T I O N   B Y   F R O N T A L   S P A R S E   M A T R I X
 T E C H N I Q U E


 TIME FOR EQUATION REORDERING                          =      0.01
 SEC.

 IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED         =
 521865 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

 ============================================================
 = Multifrontal statistics                                  =
 ============================================================

     number of equations                      =           5586
     no. of nonzeroes in lower triangle of a  =          96693
     number of compressed nodes               =            931
     no. of compressed nonzeroes in l. tri.   =           2298
     amount of workspace currently in use     =         459515
     max. amt. of workspace used              =       98114365
     no. of nonzeroes in the factor l         =         281841.
     number of super nodes                    =            494
     number of compressed subscripts          =          17004
     size of stack storage                    =          27624
     maximum order of a front matrix          =            180
     maximum size of a front matrix           =          16290
     maximum size of a front trapezoid        =          14679
     no. of floating point ops for factor     =     2.5641D+07
     no. of floating point ops for solve      =     1.1553D+06
     actual no. of nonzeroes in the factor l  =         281841.
     actual number of compressed subscripts   =          17004
     actual size of stack storage used        =          51636
     near zero pivot monitoring activated
     number of pivots adjusted                =             0.
     negative pivot monitoring activated
     number of negative pivots encountered    =             0.
     factorization panel size                 =           128
     factorization update panel size          =            32
     solution block size                      =             8

     time (in seconds) for structure input    =       0.006000
     time (in seconds) for ordering           =       0.009000
     time (in seconds) for symbolic factor    =       0.005000
     time (in seconds) for value input        =       0.006000

     number of cpus used for factor & solve   =              2
     time (in seconds) for numeric factor     =       0.031000
     computational rate (mflops) for factor   =     827.125755
```

```
    condition number estimate               =      3.2834D+11

    time (in seconds) for numeric solve     =        0.000800
    computational rate (mflops) for solve   =     1444.222176

    i/o statistics:   unit number        length        amount
                                        (Mbytes)      (Mbytes)
                      -----------       --------      --------

                                31.           0.14          0.34
NUMBER OF POSITIVE EIGENVALUES                          =
5586
NUMBER OF NEGATIVE EIGENVALUES                          =
0

AMOUNT OF DISK SPACE USED                               =
0.14 MB
DETERMINANT OF STIFFNESS MATRIX                         =
2.192E+51911

SMALLEST PIVOT ENCOUNTERED WAS   645.235     AT NODE      449,
FREEDOM  6
LARGEST PIVOT ENCOUNTERED WAS   0.226672E+15 AT NODE       12,
FREEDOM  4
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   1      =
0.98568E-17
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   2      =
0.10635E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   3      =
0.11133E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   4      =
0.30350E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   5      =
0.24205E-16


TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION
=  0.69000E-01 SEC.
TOTAL ELAPSED TIME USED SOLVING EQUATIONS
=   0 HRS  0 MINS  0 SECS


LOCATIONS USED DURING POST-SOLUTION PROCESS =        609612
LOCATIONS AVAILABLE                         =      98304000

ACTUAL TOTAL NO. EDGES IN STRUCTURE        =    1405
ACTUAL TOTAL NO. FACES IN STRUCTURE        =     448

TIME FOR POST-SOLUTION PROCESS              =  0.39000     SEC.

TOTAL CPU TIME USED FOR SOLUTION            =   2.5960     SEC.

TOTAL ELAPSED TIME USED FOR SOLUTION        =   0 HRS  0 MINS  3
SECS

TIME AT CENTRAL PROCESSOR =  9:56:32 ON 16/04/21 (DAY/MTH/YR)



I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit     Disk Page     Calls to     Buffered     Disk
Page Table   Peak File
Name           Size (Bytes)  I/O Routines Transfers    Accesses
Swaps        Size (Mbytes)

PROBLEM          16384          592         2959         1413
0      15.14062
FRONTAL          16384            0            0            0
0     0.1562500E-01
SHAPES           16384           57          106           43
0     0.3906250
PLOT             16384         5056         6101          665
```

```
          0      16.51562
          RESTART              0            0            0            0
          0     0.0000000E+00
 ***LUSAS RUN SUCCESSFULLY COMPLETED***
```

TIME AT CENTRAL PROCESSOR = 9:56:46 ON 16/04/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| NLPZ | 98304000 |
| NPGS | 960 |
| MXELGP | 32 |

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| IDTIME | 1 |

```
LL        UU    UU   SSSSSS     AAAA     SSSSSS
LL        UU    UU  SS    SS   AA  AA   SS    SS
LL        UU    UU  SS        AA    AA  SS
LL        UU    UU   SSSSS    AAAAAAAA   SSSSS
LL        UU    UU    SSSSS   AAAAAAAA    SSSSS
LL        UU    UU        SS  AA    AA        SS
LLLLLLLL  UU    UU  SS    SS  AA    AA  SS    SS
LLLLLLLL   UUUUUU    SSSSSS   AA    AA   SSSSSS
```

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
Forge House,
66 High Street,
Kingston upon Thames,
Surrey, KT1 1HN, UK
www.lusas.com

Sales Enquiries: Tel +44 (0)20 8541 1999
Fax +44 (0)20 8549 9399
Email: info@lusas.com

Customer Support: Tel +44 (0)20 3325 0440
Fax +44 (0)20 8549 9399
Email: support@lusas.com

This is a BETA Version of the Code supplied for TEST purposes only.
This Version has passed all the standard QA Checks, but has not undergone
field testing.
The documentation may be incomplete, file formats and commands may be
changed for the Final Release.

KeyID 10035 licensed on PC processor. Expires 1-07-2021
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
Input file : C:\PROJECTS\CT-RG\Barbaianni\modelli\LUSASFiles32\Barbaianni_Impalcato\Barbaiann

i_Impalcato~Fase3_Altro.dat

Number of processors available : 4
Maximum number of threads available : 4

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 9:56:48 ON 16/04/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M KG S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES

O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION

O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS

O P T I O N(S) 123 CLOCKWISE NODE NUMBERING

O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM

O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS

O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER

O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES

O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER

O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS

O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES

O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT

O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY

O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES

O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS

O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)

O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3

O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER

O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| JSH4 | ELEMENTS | | | |
| 1 | 1 | 2 | 1495 | 1496 |
| 9 | 9 | 10 | 1497 | 1498 |
| 10 | 13 | 12 | 1499 | 1500 |
| 20 | 18 | 17 | 1487 | 1488 |
| 21 | 28 | 29 | 1485 | 1486 |
| 22 | 39 | 40 | 1491 | 1492 |
| 23 | 42 | 41 | 1489 | 1490 |
| 24 | 52 | 53 | 1483 | 1484 |
| 25 | 63 | 64 | 1493 | 1494 |

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| QTS4 | ELEMENTS | | | |
| 446 | 422 | 423 | 480 | 479 |
| 447 | 423 | 424 | 481 | 480 |
| 448 | 424 | 425 | 482 | 481 |
| 449 | 425 | 426 | 483 | 482 |
| 450 | 426 | 427 | 484 | 483 |
| 451 | 427 | 428 | 485 | 484 |
| 452 | 428 | 429 | 486 | 485 |
| 453 | 429 | 430 | 487 | 486 |
| 454 | 430 | 431 | 488 | 487 |
| 455 | 431 | 432 | 489 | 488 |
| 456 | 432 | 433 | 490 | 489 |
| 457 | 433 | 434 | 491 | 490 |
| 458 | 434 | 435 | 492 | 491 |
| 459 | 435 | 436 | 493 | 492 |
| 460 | 436 | 437 | 494 | 493 |
| 461 | 437 | 438 | 495 | 494 |
| 462 | 438 | 439 | 496 | 495 |
| 463 | 439 | 440 | 497 | 496 |
| 464 | 440 | 441 | 498 | 497 |
| 465 | 441 | 442 | 499 | 498 |
| 466 | 442 | 443 | 500 | 499 |
| 467 | 443 | 444 | 501 | 500 |
| 468 | 444 | 445 | 502 | 501 |
| 469 | 445 | 446 | 503 | 502 |
| 470 | 446 | 447 | 504 | 503 |
| 471 | 447 | 448 | 505 | 504 |
| 472 | 448 | 449 | 506 | 505 |
| 473 | 449 | 450 | 507 | 506 |
| 474 | 450 | 451 | 508 | 507 |
| 475 | 451 | 452 | 509 | 508 |
| 476 | 452 | 453 | 510 | 509 |
| 477 | 453 | 454 | 511 | 510 |
| 478 | 454 | 455 | 512 | 511 |
| 479 | 455 | 456 | 513 | 512 |
| 480 | 456 | 457 | 514 | 513 |
| 481 | 457 | 458 | 515 | 514 |
| 482 | 458 | 459 | 516 | 515 |
| 483 | 459 | 460 | 517 | 516 |
| 484 | 460 | 461 | 518 | 517 |
| 485 | 461 | 462 | 519 | 518 |
| 486 | 462 | 463 | 520 | 519 |
| 487 | 463 | 464 | 521 | 520 |
| 488 | 464 | 465 | 522 | 521 |
| 489 | 465 | 466 | 523 | 522 |

| | | | | |
|---|---|---|---|---|
| 490 | 466 | 467 | 524 | 523 |
| 491 | 467 | 468 | 525 | 524 |
| 492 | 468 | 469 | 526 | 525 |
| 493 | 469 | 470 | 527 | 526 |
| 494 | 470 | 471 | 528 | 527 |
| 495 | 471 | 472 | 529 | 528 |
| 496 | 472 | 473 | 530 | 529 |
| 497 | 473 | 474 | 531 | 530 |
| 498 | 474 | 475 | 532 | 531 |
| 499 | 475 | 476 | 533 | 532 |
| 500 | 476 | 477 | 534 | 533 |
| 501 | 477 | 478 | 535 | 534 |
| 502 | 479 | 480 | 537 | 536 |
| 503 | 480 | 481 | 538 | 537 |
| 504 | 481 | 482 | 539 | 538 |
| 505 | 482 | 483 | 540 | 539 |
| 506 | 483 | 484 | 541 | 540 |
| 507 | 484 | 485 | 542 | 541 |
| 508 | 485 | 486 | 543 | 542 |
| 509 | 486 | 487 | 544 | 543 |
| 510 | 487 | 488 | 545 | 544 |
| 511 | 488 | 489 | 546 | 545 |
| 512 | 489 | 490 | 547 | 546 |
| 513 | 490 | 491 | 548 | 547 |
| 514 | 491 | 492 | 549 | 548 |
| 515 | 492 | 493 | 550 | 549 |
| 516 | 493 | 494 | 551 | 550 |
| 517 | 494 | 495 | 552 | 551 |
| 518 | 495 | 496 | 553 | 552 |
| 519 | 496 | 497 | 554 | 553 |
| 520 | 497 | 498 | 555 | 554 |
| 521 | 498 | 499 | 556 | 555 |
| 522 | 499 | 500 | 557 | 556 |
| 523 | 500 | 501 | 558 | 557 |
| 524 | 501 | 502 | 559 | 558 |
| 525 | 502 | 503 | 560 | 559 |
| 526 | 503 | 504 | 561 | 560 |
| 527 | 504 | 505 | 562 | 561 |
| 528 | 505 | 506 | 563 | 562 |
| 529 | 506 | 507 | 564 | 563 |
| 530 | 507 | 508 | 565 | 564 |
| 531 | 508 | 509 | 566 | 565 |
| 532 | 509 | 510 | 567 | 566 |
| 533 | 510 | 511 | 568 | 567 |
| 534 | 511 | 512 | 569 | 568 |
| 535 | 512 | 513 | 570 | 569 |
| 536 | 513 | 514 | 571 | 570 |
| 537 | 514 | 515 | 572 | 571 |
| 538 | 515 | 516 | 573 | 572 |
| 539 | 516 | 517 | 574 | 573 |
| 540 | 517 | 518 | 575 | 574 |
| 541 | 518 | 519 | 576 | 575 |
| 542 | 519 | 520 | 577 | 576 |
| 543 | 520 | 521 | 578 | 577 |
| 544 | 521 | 522 | 579 | 578 |
| 545 | 522 | 523 | 580 | 579 |
| 546 | 523 | 524 | 581 | 580 |
| 547 | 524 | 525 | 582 | 581 |
| 548 | 525 | 526 | 583 | 582 |
| 549 | 526 | 527 | 584 | 583 |
| 550 | 527 | 528 | 585 | 584 |
| 551 | 528 | 529 | 586 | 585 |
| 552 | 529 | 530 | 587 | 586 |
| 553 | 530 | 531 | 588 | 587 |
| 554 | 531 | 532 | 589 | 588 |
| 555 | 532 | 533 | 590 | 589 |
| 556 | 533 | 534 | 591 | 590 |
| 557 | 534 | 535 | 592 | 591 |
| 614 | 536 | 537 | 594 | 593 |
| 615 | 537 | 538 | 595 | 594 |
| 616 | 538 | 539 | 596 | 595 |
| 617 | 539 | 540 | 597 | 596 |
| 618 | 540 | 541 | 598 | 597 |

| | | | | |
|---|---|---|---|---|
| 619 | 541 | 542 | 599 | 598 |
| 620 | 542 | 543 | 600 | 599 |
| 621 | 543 | 544 | 601 | 600 |
| 622 | 544 | 545 | 602 | 601 |
| 623 | 545 | 546 | 603 | 602 |
| 624 | 546 | 547 | 604 | 603 |
| 625 | 547 | 548 | 605 | 604 |
| 626 | 548 | 549 | 606 | 605 |
| 627 | 549 | 550 | 607 | 606 |
| 628 | 550 | 551 | 608 | 607 |
| 629 | 551 | 552 | 609 | 608 |
| 630 | 552 | 553 | 610 | 609 |
| 631 | 553 | 554 | 611 | 610 |
| 632 | 554 | 555 | 612 | 611 |
| 633 | 555 | 556 | 613 | 612 |
| 634 | 556 | 557 | 614 | 613 |
| 635 | 557 | 558 | 615 | 614 |
| 636 | 558 | 559 | 616 | 615 |
| 637 | 559 | 560 | 617 | 616 |
| 638 | 560 | 561 | 618 | 617 |
| 639 | 561 | 562 | 619 | 618 |
| 640 | 562 | 563 | 620 | 619 |
| 641 | 563 | 564 | 621 | 620 |
| 642 | 564 | 565 | 622 | 621 |
| 643 | 565 | 566 | 623 | 622 |
| 644 | 566 | 567 | 624 | 623 |
| 645 | 567 | 568 | 625 | 624 |
| 646 | 568 | 569 | 626 | 625 |
| 647 | 569 | 570 | 627 | 626 |
| 648 | 570 | 571 | 628 | 627 |
| 649 | 571 | 572 | 629 | 628 |
| 650 | 572 | 573 | 630 | 629 |
| 651 | 573 | 574 | 631 | 630 |
| 652 | 574 | 575 | 632 | 631 |
| 653 | 575 | 576 | 633 | 632 |
| 654 | 576 | 577 | 634 | 633 |
| 655 | 577 | 578 | 635 | 634 |
| 656 | 578 | 579 | 636 | 635 |
| 657 | 579 | 580 | 637 | 636 |
| 658 | 580 | 581 | 638 | 637 |
| 659 | 581 | 582 | 639 | 638 |
| 660 | 582 | 583 | 640 | 639 |
| 661 | 583 | 584 | 641 | 640 |
| 662 | 584 | 585 | 642 | 641 |
| 663 | 585 | 586 | 643 | 642 |
| 664 | 586 | 587 | 644 | 643 |
| 665 | 587 | 588 | 645 | 644 |
| 666 | 588 | 589 | 646 | 645 |
| 667 | 589 | 590 | 647 | 646 |
| 668 | 590 | 591 | 648 | 647 |
| 669 | 591 | 592 | 649 | 648 |
| 670 | 593 | 594 | 651 | 650 |
| 671 | 594 | 595 | 652 | 651 |
| 672 | 595 | 596 | 653 | 652 |
| 673 | 596 | 597 | 654 | 653 |
| 674 | 597 | 598 | 655 | 654 |
| 675 | 598 | 599 | 656 | 655 |
| 676 | 599 | 600 | 657 | 656 |
| 677 | 600 | 601 | 658 | 657 |
| 678 | 601 | 602 | 659 | 658 |
| 679 | 602 | 603 | 660 | 659 |
| 680 | 603 | 604 | 661 | 660 |
| 681 | 604 | 605 | 662 | 661 |
| 682 | 605 | 606 | 663 | 662 |
| 683 | 606 | 607 | 664 | 663 |
| 684 | 607 | 608 | 665 | 664 |
| 685 | 608 | 609 | 666 | 665 |
| 686 | 609 | 610 | 667 | 666 |
| 687 | 610 | 611 | 668 | 667 |
| 688 | 611 | 612 | 669 | 668 |
| 689 | 612 | 613 | 670 | 669 |
| 690 | 613 | 614 | 671 | 670 |
| 691 | 614 | 615 | 672 | 671 |

| | | | | |
|---|---|---|---|---|
| 692 | 615 | 616 | 673 | 672 |
| 693 | 616 | 617 | 674 | 673 |
| 694 | 617 | 618 | 675 | 674 |
| 695 | 618 | 619 | 676 | 675 |
| 696 | 619 | 620 | 677 | 676 |
| 697 | 620 | 621 | 678 | 677 |
| 698 | 621 | 622 | 679 | 678 |
| 699 | 622 | 623 | 680 | 679 |
| 700 | 623 | 624 | 681 | 680 |
| 701 | 624 | 625 | 682 | 681 |
| 702 | 625 | 626 | 683 | 682 |
| 703 | 626 | 627 | 684 | 683 |
| 704 | 627 | 628 | 685 | 684 |
| 705 | 628 | 629 | 686 | 685 |
| 706 | 629 | 630 | 687 | 686 |
| 707 | 630 | 631 | 688 | 687 |
| 708 | 631 | 632 | 689 | 688 |
| 709 | 632 | 633 | 690 | 689 |
| 710 | 633 | 634 | 691 | 690 |
| 711 | 634 | 635 | 692 | 691 |
| 712 | 635 | 636 | 693 | 692 |
| 713 | 636 | 637 | 694 | 693 |
| 714 | 637 | 638 | 695 | 694 |
| 715 | 638 | 639 | 696 | 695 |
| 716 | 639 | 640 | 697 | 696 |
| 717 | 640 | 641 | 698 | 697 |
| 718 | 641 | 642 | 699 | 698 |
| 719 | 642 | 643 | 700 | 699 |
| 720 | 643 | 644 | 701 | 700 |
| 721 | 644 | 645 | 702 | 701 |
| 722 | 645 | 646 | 703 | 702 |
| 723 | 646 | 647 | 704 | 703 |
| 724 | 647 | 648 | 705 | 704 |
| 725 | 648 | 649 | 706 | 705 |
| 726 | 650 | 651 | 708 | 707 |
| 727 | 651 | 652 | 709 | 708 |
| 728 | 652 | 653 | 710 | 709 |
| 729 | 653 | 654 | 711 | 710 |
| 730 | 654 | 655 | 712 | 711 |
| 731 | 655 | 656 | 713 | 712 |
| 732 | 656 | 657 | 714 | 713 |
| 733 | 657 | 658 | 715 | 714 |
| 734 | 658 | 659 | 716 | 715 |
| 735 | 659 | 660 | 717 | 716 |
| 736 | 660 | 661 | 718 | 717 |
| 737 | 661 | 662 | 719 | 718 |
| 738 | 662 | 663 | 720 | 719 |
| 739 | 663 | 664 | 721 | 720 |
| 740 | 664 | 665 | 722 | 721 |
| 741 | 665 | 666 | 723 | 722 |
| 742 | 666 | 667 | 724 | 723 |
| 743 | 667 | 668 | 725 | 724 |
| 744 | 668 | 669 | 726 | 725 |
| 745 | 669 | 670 | 727 | 726 |
| 746 | 670 | 671 | 728 | 727 |
| 747 | 671 | 672 | 729 | 728 |
| 748 | 672 | 673 | 730 | 729 |
| 749 | 673 | 674 | 731 | 730 |
| 750 | 674 | 675 | 732 | 731 |
| 751 | 675 | 676 | 733 | 732 |
| 752 | 676 | 677 | 734 | 733 |
| 753 | 677 | 678 | 735 | 734 |
| 754 | 678 | 679 | 736 | 735 |
| 755 | 679 | 680 | 737 | 736 |
| 756 | 680 | 681 | 738 | 737 |
| 757 | 681 | 682 | 739 | 738 |
| 758 | 682 | 683 | 740 | 739 |
| 759 | 683 | 684 | 741 | 740 |
| 760 | 684 | 685 | 742 | 741 |
| 761 | 685 | 686 | 743 | 742 |
| 762 | 686 | 687 | 744 | 743 |
| 763 | 687 | 688 | 745 | 744 |
| 764 | 688 | 689 | 746 | 745 |

| | | | | |
|---|---|---|---|---|
| 765 | 689 | 690 | 747 | 746 |
| 766 | 690 | 691 | 748 | 747 |
| 767 | 691 | 692 | 749 | 748 |
| 768 | 692 | 693 | 750 | 749 |
| 769 | 693 | 694 | 751 | 750 |
| 770 | 694 | 695 | 752 | 751 |
| 771 | 695 | 696 | 753 | 752 |
| 772 | 696 | 697 | 754 | 753 |
| 773 | 697 | 698 | 755 | 754 |
| 774 | 698 | 699 | 756 | 755 |
| 775 | 699 | 700 | 757 | 756 |
| 776 | 700 | 701 | 758 | 757 |
| 777 | 701 | 702 | 759 | 758 |
| 778 | 702 | 703 | 760 | 759 |
| 779 | 703 | 704 | 761 | 760 |
| 780 | 704 | 705 | 762 | 761 |
| 781 | 705 | 706 | 763 | 762 |
| 782 | 707 | 708 | 765 | 764 |
| 783 | 708 | 709 | 766 | 765 |
| 784 | 709 | 710 | 767 | 766 |
| 785 | 710 | 711 | 768 | 767 |
| 786 | 711 | 712 | 769 | 768 |
| 787 | 712 | 713 | 770 | 769 |
| 788 | 713 | 714 | 771 | 770 |
| 789 | 714 | 715 | 772 | 771 |
| 790 | 715 | 716 | 773 | 772 |
| 791 | 716 | 717 | 774 | 773 |
| 792 | 717 | 718 | 775 | 774 |
| 793 | 718 | 719 | 776 | 775 |
| 794 | 719 | 720 | 777 | 776 |
| 795 | 720 | 721 | 778 | 777 |
| 796 | 721 | 722 | 779 | 778 |
| 797 | 722 | 723 | 780 | 779 |
| 798 | 723 | 724 | 781 | 780 |
| 799 | 724 | 725 | 782 | 781 |
| 800 | 725 | 726 | 783 | 782 |
| 801 | 726 | 727 | 784 | 783 |
| 802 | 727 | 728 | 785 | 784 |
| 803 | 728 | 729 | 786 | 785 |
| 804 | 729 | 730 | 787 | 786 |
| 805 | 730 | 731 | 788 | 787 |
| 806 | 731 | 732 | 789 | 788 |
| 807 | 732 | 733 | 790 | 789 |
| 808 | 733 | 734 | 791 | 790 |
| 809 | 734 | 735 | 792 | 791 |
| 810 | 735 | 736 | 793 | 792 |
| 811 | 736 | 737 | 794 | 793 |
| 812 | 737 | 738 | 795 | 794 |
| 813 | 738 | 739 | 796 | 795 |
| 814 | 739 | 740 | 797 | 796 |
| 815 | 740 | 741 | 798 | 797 |
| 816 | 741 | 742 | 799 | 798 |
| 817 | 742 | 743 | 800 | 799 |
| 818 | 743 | 744 | 801 | 800 |
| 819 | 744 | 745 | 802 | 801 |
| 820 | 745 | 746 | 803 | 802 |
| 821 | 746 | 747 | 804 | 803 |
| 822 | 747 | 748 | 805 | 804 |
| 823 | 748 | 749 | 806 | 805 |
| 824 | 749 | 750 | 807 | 806 |
| 825 | 750 | 751 | 808 | 807 |
| 826 | 751 | 752 | 809 | 808 |
| 827 | 752 | 753 | 810 | 809 |
| 828 | 753 | 754 | 811 | 810 |
| 829 | 754 | 755 | 812 | 811 |
| 830 | 755 | 756 | 813 | 812 |
| 831 | 756 | 757 | 814 | 813 |
| 832 | 757 | 758 | 815 | 814 |
| 833 | 758 | 759 | 816 | 815 |
| 834 | 759 | 760 | 817 | 816 |
| 835 | 760 | 761 | 818 | 817 |
| 836 | 761 | 762 | 819 | 818 |
| 837 | 762 | 763 | 820 | 819 |

| | | | | |
|---|---|---|---|---|
| 894 | 764 | 765 | 822 | 821 |
| 895 | 765 | 766 | 823 | 822 |
| 896 | 766 | 767 | 824 | 823 |
| 897 | 767 | 768 | 825 | 824 |
| 898 | 768 | 769 | 826 | 825 |
| 899 | 769 | 770 | 827 | 826 |
| 900 | 770 | 771 | 828 | 827 |
| 901 | 771 | 772 | 829 | 828 |
| 902 | 772 | 773 | 830 | 829 |
| 903 | 773 | 774 | 831 | 830 |
| 904 | 774 | 775 | 832 | 831 |
| 905 | 775 | 776 | 833 | 832 |
| 906 | 776 | 777 | 834 | 833 |
| 907 | 777 | 778 | 835 | 834 |
| 908 | 778 | 779 | 836 | 835 |
| 909 | 779 | 780 | 837 | 836 |
| 910 | 780 | 781 | 838 | 837 |
| 911 | 781 | 782 | 839 | 838 |
| 912 | 782 | 783 | 840 | 839 |
| 913 | 783 | 784 | 841 | 840 |
| 914 | 784 | 785 | 842 | 841 |
| 915 | 785 | 786 | 843 | 842 |
| 916 | 786 | 787 | 844 | 843 |
| 917 | 787 | 788 | 845 | 844 |
| 918 | 788 | 789 | 846 | 845 |
| 919 | 789 | 790 | 847 | 846 |
| 920 | 790 | 791 | 848 | 847 |
| 921 | 791 | 792 | 849 | 848 |
| 922 | 792 | 793 | 850 | 849 |
| 923 | 793 | 794 | 851 | 850 |
| 924 | 794 | 795 | 852 | 851 |
| 925 | 795 | 796 | 853 | 852 |
| 926 | 796 | 797 | 854 | 853 |
| 927 | 797 | 798 | 855 | 854 |
| 928 | 798 | 799 | 856 | 855 |
| 929 | 799 | 800 | 857 | 856 |
| 930 | 800 | 801 | 858 | 857 |
| 931 | 801 | 802 | 859 | 858 |
| 932 | 802 | 803 | 860 | 859 |
| 933 | 803 | 804 | 861 | 860 |
| 934 | 804 | 805 | 862 | 861 |
| 935 | 805 | 806 | 863 | 862 |
| 936 | 806 | 807 | 864 | 863 |
| 937 | 807 | 808 | 865 | 864 |
| 938 | 808 | 809 | 866 | 865 |
| 939 | 809 | 810 | 867 | 866 |
| 940 | 810 | 811 | 868 | 867 |
| 941 | 811 | 812 | 869 | 868 |
| 942 | 812 | 813 | 870 | 869 |
| 943 | 813 | 814 | 871 | 870 |
| 944 | 814 | 815 | 872 | 871 |
| 945 | 815 | 816 | 873 | 872 |
| 946 | 816 | 817 | 874 | 873 |
| 947 | 817 | 818 | 875 | 874 |
| 948 | 818 | 819 | 876 | 875 |
| 949 | 819 | 820 | 877 | 876 |
| 950 | 821 | 822 | 879 | 878 |
| 951 | 822 | 823 | 880 | 879 |
| 952 | 823 | 824 | 881 | 880 |
| 953 | 824 | 825 | 882 | 881 |
| 954 | 825 | 826 | 883 | 882 |
| 955 | 826 | 827 | 884 | 883 |
| 956 | 827 | 828 | 885 | 884 |
| 957 | 828 | 829 | 886 | 885 |
| 958 | 829 | 830 | 887 | 886 |
| 959 | 830 | 831 | 888 | 887 |
| 960 | 831 | 832 | 889 | 888 |
| 961 | 832 | 833 | 890 | 889 |
| 962 | 833 | 834 | 891 | 890 |
| 963 | 834 | 835 | 892 | 891 |
| 964 | 835 | 836 | 893 | 892 |
| 965 | 836 | 837 | 894 | 893 |
| 966 | 837 | 838 | 895 | 894 |

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|---|---|---|---|---|
| 967 | 838 | 839 | 896 | 895 |
| 968 | 839 | 840 | 897 | 896 |
| 969 | 840 | 841 | 898 | 897 |
| 970 | 841 | 842 | 899 | 898 |
| 971 | 842 | 843 | 900 | 899 |
| 972 | 843 | 844 | 901 | 900 |
| 973 | 844 | 845 | 902 | 901 |
| 974 | 845 | 846 | 903 | 902 |
| 975 | 846 | 847 | 904 | 903 |
| 976 | 847 | 848 | 905 | 904 |
| 977 | 848 | 849 | 906 | 905 |
| 978 | 849 | 850 | 907 | 906 |
| 979 | 850 | 851 | 908 | 907 |
| 980 | 851 | 852 | 909 | 908 |
| 981 | 852 | 853 | 910 | 909 |
| 982 | 853 | 854 | 911 | 910 |
| 983 | 854 | 855 | 912 | 911 |
| 984 | 855 | 856 | 913 | 912 |
| 985 | 856 | 857 | 914 | 913 |
| 986 | 857 | 858 | 915 | 914 |
| 987 | 858 | 859 | 916 | 915 |
| 988 | 859 | 860 | 917 | 916 |
| 989 | 860 | 861 | 918 | 917 |
| 990 | 861 | 862 | 919 | 918 |
| 991 | 862 | 863 | 920 | 919 |
| 992 | 863 | 864 | 921 | 920 |
| 993 | 864 | 865 | 922 | 921 |
| 994 | 865 | 866 | 923 | 922 |
| 995 | 866 | 867 | 924 | 923 |
| 996 | 867 | 868 | 925 | 924 |
| 997 | 868 | 869 | 926 | 925 |
| 998 | 869 | 870 | 927 | 926 |
| 999 | 870 | 871 | 928 | 927 |
| 1000 | 871 | 872 | 929 | 928 |
| 1001 | 872 | 873 | 930 | 929 |
| 1002 | 873 | 874 | 931 | 930 |
| 1003 | 874 | 875 | 932 | 931 |
| 1004 | 875 | 876 | 933 | 932 |
| 1005 | 876 | 877 | 934 | 933 |

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | END CONDITIONS (C=CONSTRAINED,F=FREE,R=RESTRAINED) |
|---|---|---|---|---|
| BMI21 | ELEMENTS | | | |
| 2 | 2 | 3 | 1096 | |
| 3 | 3 | 4 | 1093 | |
| 4 | 4 | 5 | 1094 | |
| 5 | 5 | 11 | 1095 | |
| 6 | 6 | 10 | 1106 | |
| 7 | 11 | 7 | 1092 | |
| 8 | 8 | 12 | 1102 | |
| 11 | 10 | 14 | 1103 | |
| 12 | 15 | 11 | 1091 | |
| 13 | 12 | 16 | 1099 | |
| 14 | 18 | 6 | 1105 | |
| 15 | 28 | 7 | 1098 | |
| 16 | 39 | 8 | 1101 | |
| 17 | 14 | 42 | 1104 | |
| 18 | 52 | 15 | 1097 | |
| 19 | 16 | 63 | 1100 | |
| 26 | 17 | 65 | 1153 | |
| 27 | 29 | 66 | 1173 | |
| 28 | 40 | 67 | 1193 | |
| 29 | 41 | 68 | 1109 | |
| 30 | 53 | 69 | 1129 | |
| 31 | 64 | 70 | 1149 | |
| 32 | 19 | 71 | 1293 | |

| | | | |
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| 33 | 20 | 72 | 1157 |
| 34 | 21 | 73 | 1313 |
| 35 | 22 | 74 | 1161 |
| 36 | 23 | 75 | 1333 |
| 37 | 24 | 76 | 1165 |
| 38 | 25 | 77 | 1353 |
| 39 | 26 | 78 | 1169 |
| 40 | 27 | 79 | 1373 |
| 41 | 30 | 80 | 1393 |
| 42 | 31 | 81 | 1177 |
| 43 | 32 | 82 | 1413 |
| 44 | 33 | 83 | 1181 |
| 45 | 34 | 84 | 1433 |
| 46 | 35 | 85 | 1185 |
| 47 | 36 | 86 | 1453 |
| 48 | 37 | 87 | 1189 |
| 49 | 38 | 88 | 1473 |
| 50 | 43 | 89 | 1289 |
| 51 | 44 | 90 | 1113 |
| 52 | 45 | 91 | 1309 |
| 53 | 46 | 92 | 1117 |
| 54 | 47 | 93 | 1329 |
| 55 | 48 | 94 | 1121 |
| 56 | 49 | 95 | 1349 |
| 57 | 50 | 96 | 1125 |
| 58 | 51 | 97 | 1369 |
| 59 | 54 | 98 | 1389 |
| 60 | 55 | 99 | 1133 |
| 61 | 56 | 100 | 1409 |
| 62 | 57 | 101 | 1137 |
| 63 | 58 | 102 | 1429 |
| 64 | 59 | 103 | 1141 |
| 65 | 60 | 104 | 1449 |
| 66 | 61 | 105 | 1145 |
| 67 | 62 | 106 | 1469 |
| 68 | 65 | 107 | 1154 |
| 69 | 66 | 108 | 1174 |
| 70 | 67 | 109 | 1194 |
| 71 | 68 | 110 | 1110 |
| 72 | 69 | 111 | 1130 |
| 73 | 70 | 112 | 1150 |
| 74 | 71 | 113 | 1294 |
| 75 | 72 | 114 | 1158 |
| 76 | 73 | 115 | 1314 |
| 77 | 74 | 116 | 1162 |
| 78 | 75 | 117 | 1334 |
| 79 | 76 | 118 | 1166 |
| 80 | 77 | 119 | 1354 |
| 81 | 78 | 120 | 1170 |
| 82 | 79 | 121 | 1374 |
| 83 | 80 | 122 | 1394 |
| 84 | 81 | 123 | 1178 |
| 85 | 82 | 124 | 1414 |
| 86 | 83 | 125 | 1182 |
| 87 | 84 | 126 | 1434 |
| 88 | 85 | 127 | 1186 |
| 89 | 86 | 128 | 1454 |
| 90 | 87 | 129 | 1190 |
| 91 | 88 | 130 | 1474 |
| 92 | 89 | 131 | 1290 |
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| 94 | 91 | 133 | 1310 |
| 95 | 92 | 134 | 1118 |
| 96 | 93 | 135 | 1330 |
| 97 | 94 | 136 | 1122 |
| 98 | 95 | 137 | 1350 |
| 99 | 96 | 138 | 1126 |
| 100 | 97 | 139 | 1370 |
| 101 | 98 | 140 | 1390 |
| 102 | 99 | 141 | 1134 |
| 103 | 100 | 142 | 1410 |
| 104 | 101 | 143 | 1138 |
| 105 | 102 | 144 | 1430 |

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| 107 | 104 | 146 | 1450 |
| 108 | 105 | 147 | 1146 |
| 109 | 106 | 148 | 1470 |
| 110 | 107 | 149 | 1151 |
| 111 | 108 | 150 | 1171 |
| 112 | 109 | 151 | 1191 |
| 113 | 110 | 152 | 1107 |
| 114 | 111 | 153 | 1127 |
| 115 | 112 | 154 | 1147 |
| 116 | 113 | 155 | 1291 |
| 117 | 114 | 156 | 1155 |
| 118 | 115 | 157 | 1311 |
| 119 | 116 | 158 | 1159 |
| 120 | 117 | 159 | 1331 |
| 121 | 118 | 160 | 1163 |
| 122 | 119 | 161 | 1351 |
| 123 | 120 | 162 | 1167 |
| 124 | 121 | 163 | 1371 |
| 125 | 122 | 164 | 1391 |
| 126 | 123 | 165 | 1175 |
| 127 | 124 | 166 | 1411 |
| 128 | 125 | 167 | 1179 |
| 129 | 126 | 168 | 1431 |
| 130 | 127 | 169 | 1183 |
| 131 | 128 | 170 | 1451 |
| 132 | 129 | 171 | 1187 |
| 133 | 130 | 172 | 1471 |
| 134 | 131 | 173 | 1287 |
| 135 | 132 | 174 | 1111 |
| 136 | 133 | 175 | 1307 |
| 137 | 134 | 176 | 1115 |
| 138 | 135 | 177 | 1327 |
| 139 | 136 | 178 | 1119 |
| 140 | 137 | 179 | 1347 |
| 141 | 138 | 180 | 1123 |
| 142 | 139 | 181 | 1367 |
| 143 | 140 | 182 | 1387 |
| 144 | 141 | 183 | 1131 |
| 145 | 142 | 184 | 1407 |
| 146 | 143 | 185 | 1135 |
| 147 | 144 | 186 | 1427 |
| 148 | 145 | 187 | 1139 |
| 149 | 146 | 188 | 1447 |
| 150 | 147 | 189 | 1143 |
| 151 | 148 | 190 | 1467 |
| 152 | 149 | 191 | 1152 |
| 153 | 150 | 201 | 1172 |
| 154 | 151 | 211 | 1192 |
| 155 | 152 | 275 | 1108 |
| 156 | 153 | 285 | 1128 |
| 157 | 154 | 295 | 1148 |
| 158 | 155 | 192 | 1292 |
| 159 | 156 | 193 | 1156 |
| 160 | 157 | 194 | 1312 |
| 161 | 158 | 195 | 1160 |
| 162 | 159 | 196 | 1332 |
| 163 | 160 | 197 | 1164 |
| 164 | 161 | 198 | 1352 |
| 165 | 162 | 199 | 1168 |
| 166 | 163 | 200 | 1372 |
| 167 | 164 | 202 | 1392 |
| 168 | 165 | 203 | 1176 |
| 169 | 166 | 204 | 1412 |
| 170 | 167 | 205 | 1180 |
| 171 | 168 | 206 | 1432 |
| 172 | 169 | 207 | 1184 |
| 173 | 170 | 208 | 1452 |
| 174 | 171 | 209 | 1188 |
| 175 | 172 | 210 | 1472 |
| 176 | 173 | 276 | 1288 |
| 177 | 174 | 277 | 1112 |
| 178 | 175 | 278 | 1308 |

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| 180 | 177 | 280 | 1328 |
| 181 | 178 | 281 | 1120 |
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| 183 | 180 | 283 | 1124 |
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| 185 | 182 | 286 | 1388 |
| 186 | 183 | 287 | 1132 |
| 187 | 184 | 288 | 1408 |
| 188 | 185 | 289 | 1136 |
| 189 | 186 | 290 | 1428 |
| 190 | 187 | 291 | 1140 |
| 191 | 188 | 292 | 1448 |
| 192 | 189 | 293 | 1144 |
| 193 | 190 | 294 | 1468 |
| 194 | 191 | 212 | 1047 |
| 195 | 192 | 213 | 1283 |
| 196 | 193 | 214 | 1051 |
| 197 | 194 | 215 | 1303 |
| 198 | 195 | 216 | 1055 |
| 199 | 196 | 217 | 1323 |
| 200 | 197 | 218 | 1059 |
| 201 | 198 | 219 | 1343 |
| 202 | 199 | 220 | 1063 |
| 203 | 200 | 221 | 1363 |
| 204 | 201 | 222 | 1067 |
| 205 | 202 | 223 | 1383 |
| 206 | 203 | 224 | 1071 |
| 207 | 204 | 225 | 1403 |
| 208 | 205 | 226 | 1075 |
| 209 | 206 | 227 | 1423 |
| 210 | 207 | 228 | 1079 |
| 211 | 208 | 229 | 1443 |
| 212 | 209 | 230 | 1083 |
| 213 | 210 | 231 | 1463 |
| 214 | 211 | 232 | 1087 |
| 215 | 212 | 233 | 1048 |
| 216 | 213 | 234 | 1284 |
| 217 | 214 | 235 | 1052 |
| 218 | 215 | 236 | 1304 |
| 219 | 216 | 237 | 1056 |
| 220 | 217 | 238 | 1324 |
| 221 | 218 | 239 | 1060 |
| 222 | 219 | 240 | 1344 |
| 223 | 220 | 241 | 1064 |
| 224 | 221 | 242 | 1364 |
| 225 | 222 | 243 | 1068 |
| 226 | 223 | 244 | 1384 |
| 227 | 224 | 245 | 1072 |
| 228 | 225 | 246 | 1404 |
| 229 | 226 | 247 | 1076 |
| 230 | 227 | 248 | 1424 |
| 231 | 228 | 249 | 1080 |
| 232 | 229 | 250 | 1444 |
| 233 | 230 | 251 | 1084 |
| 234 | 231 | 252 | 1464 |
| 235 | 232 | 253 | 1088 |
| 236 | 233 | 254 | 1049 |
| 237 | 234 | 255 | 1285 |
| 238 | 235 | 256 | 1053 |
| 239 | 236 | 257 | 1305 |
| 240 | 237 | 258 | 1057 |
| 241 | 238 | 259 | 1325 |
| 242 | 239 | 260 | 1061 |
| 243 | 240 | 261 | 1345 |
| 244 | 241 | 262 | 1065 |
| 245 | 242 | 263 | 1365 |
| 246 | 243 | 264 | 1069 |
| 247 | 244 | 265 | 1385 |
| 248 | 245 | 266 | 1073 |
| 249 | 246 | 267 | 1405 |
| 250 | 247 | 268 | 1077 |
| 251 | 248 | 269 | 1425 |

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| 252 | 249 | 270 | 1081 |
| 253 | 250 | 271 | 1445 |
| 254 | 251 | 272 | 1085 |
| 255 | 252 | 273 | 1465 |
| 256 | 253 | 274 | 1089 |
| 257 | 254 | 275 | 1050 |
| 258 | 255 | 276 | 1286 |
| 259 | 256 | 277 | 1054 |
| 260 | 257 | 278 | 1306 |
| 261 | 258 | 279 | 1058 |
| 262 | 259 | 280 | 1326 |
| 263 | 260 | 281 | 1062 |
| 264 | 261 | 282 | 1346 |
| 265 | 262 | 283 | 1066 |
| 266 | 263 | 284 | 1366 |
| 267 | 264 | 285 | 1070 |
| 268 | 265 | 286 | 1386 |
| 269 | 266 | 287 | 1074 |
| 270 | 267 | 288 | 1406 |
| 271 | 268 | 289 | 1078 |
| 272 | 269 | 290 | 1426 |
| 273 | 270 | 291 | 1082 |
| 274 | 271 | 292 | 1446 |
| 275 | 272 | 293 | 1086 |
| 276 | 273 | 294 | 1466 |
| 277 | 274 | 295 | 1090 |
| 278 | 192 | 296 | 1301 |
| 279 | 193 | 297 | 1245 |
| 280 | 194 | 298 | 1321 |
| 281 | 195 | 299 | 1249 |
| 282 | 196 | 300 | 1341 |
| 283 | 197 | 301 | 1253 |
| 284 | 198 | 302 | 1361 |
| 285 | 199 | 303 | 1257 |
| 286 | 200 | 304 | 1381 |
| 287 | 202 | 305 | 1401 |
| 288 | 203 | 306 | 1265 |
| 289 | 204 | 307 | 1421 |
| 290 | 205 | 308 | 1269 |
| 291 | 206 | 309 | 1441 |
| 292 | 207 | 310 | 1273 |
| 293 | 208 | 311 | 1461 |
| 294 | 209 | 312 | 1277 |
| 295 | 210 | 313 | 1481 |
| 296 | 276 | 314 | 1297 |
| 297 | 277 | 315 | 1201 |
| 298 | 278 | 316 | 1317 |
| 299 | 279 | 317 | 1205 |
| 300 | 280 | 318 | 1337 |
| 301 | 281 | 319 | 1209 |
| 302 | 282 | 320 | 1357 |
| 303 | 283 | 321 | 1213 |
| 304 | 284 | 322 | 1377 |
| 305 | 286 | 323 | 1397 |
| 306 | 287 | 324 | 1221 |
| 307 | 288 | 325 | 1417 |
| 308 | 289 | 326 | 1225 |
| 309 | 290 | 327 | 1437 |
| 310 | 291 | 328 | 1229 |
| 311 | 292 | 329 | 1457 |
| 312 | 293 | 330 | 1233 |
| 313 | 294 | 331 | 1477 |
| 314 | 191 | 332 | 1241 |
| 315 | 201 | 333 | 1261 |
| 316 | 211 | 334 | 1281 |
| 317 | 275 | 335 | 1197 |
| 318 | 285 | 336 | 1217 |
| 319 | 295 | 337 | 1237 |
| 320 | 296 | 338 | 1302 |
| 321 | 297 | 339 | 1246 |
| 322 | 298 | 340 | 1322 |
| 323 | 299 | 341 | 1250 |
| 324 | 300 | 342 | 1342 |

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| 325 | 301 | 343 | 1254 |
| 326 | 302 | 344 | 1362 |
| 327 | 303 | 345 | 1258 |
| 328 | 304 | 346 | 1382 |
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| 330 | 306 | 348 | 1266 |
| 331 | 307 | 349 | 1422 |
| 332 | 308 | 350 | 1270 |
| 333 | 309 | 351 | 1442 |
| 334 | 310 | 352 | 1274 |
| 335 | 311 | 353 | 1462 |
| 336 | 312 | 354 | 1278 |
| 337 | 313 | 355 | 1482 |
| 338 | 314 | 356 | 1298 |
| 339 | 315 | 357 | 1202 |
| 340 | 316 | 358 | 1318 |
| 341 | 317 | 359 | 1206 |
| 342 | 318 | 360 | 1338 |
| 343 | 319 | 361 | 1210 |
| 344 | 320 | 362 | 1358 |
| 345 | 321 | 363 | 1214 |
| 346 | 322 | 364 | 1378 |
| 347 | 323 | 365 | 1398 |
| 348 | 324 | 366 | 1222 |
| 349 | 325 | 367 | 1418 |
| 350 | 326 | 368 | 1226 |
| 351 | 327 | 369 | 1438 |
| 352 | 328 | 370 | 1230 |
| 353 | 329 | 371 | 1458 |
| 354 | 330 | 372 | 1234 |
| 355 | 331 | 373 | 1478 |
| 356 | 332 | 374 | 1242 |
| 357 | 333 | 375 | 1262 |
| 358 | 334 | 376 | 1282 |
| 359 | 335 | 377 | 1198 |
| 360 | 336 | 378 | 1218 |
| 361 | 337 | 379 | 1238 |
| 362 | 338 | 380 | 1299 |
| 363 | 339 | 381 | 1243 |
| 364 | 340 | 382 | 1319 |
| 365 | 341 | 383 | 1247 |
| 366 | 342 | 384 | 1339 |
| 367 | 343 | 385 | 1251 |
| 368 | 344 | 386 | 1359 |
| 369 | 345 | 387 | 1255 |
| 370 | 346 | 388 | 1379 |
| 371 | 347 | 389 | 1399 |
| 372 | 348 | 390 | 1263 |
| 373 | 349 | 391 | 1419 |
| 374 | 350 | 392 | 1267 |
| 375 | 351 | 393 | 1439 |
| 376 | 352 | 394 | 1271 |
| 377 | 353 | 395 | 1459 |
| 378 | 354 | 396 | 1275 |
| 379 | 355 | 397 | 1479 |
| 380 | 356 | 398 | 1295 |
| 381 | 357 | 399 | 1199 |
| 382 | 358 | 400 | 1315 |
| 383 | 359 | 401 | 1203 |
| 384 | 360 | 402 | 1335 |
| 385 | 361 | 403 | 1207 |
| 386 | 362 | 404 | 1355 |
| 387 | 363 | 405 | 1211 |
| 388 | 364 | 406 | 1375 |
| 389 | 365 | 407 | 1395 |
| 390 | 366 | 408 | 1219 |
| 391 | 367 | 409 | 1415 |
| 392 | 368 | 410 | 1223 |
| 393 | 369 | 411 | 1435 |
| 394 | 370 | 412 | 1227 |
| 395 | 371 | 413 | 1455 |
| 396 | 372 | 414 | 1231 |
| 397 | 373 | 415 | 1475 |

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| 398 | 374 | 416 | 1239 |
| 399 | 375 | 417 | 1259 |
| 400 | 376 | 418 | 1279 |
| 401 | 377 | 419 | 1195 |
| 402 | 378 | 420 | 1215 |
| 403 | 379 | 421 | 1235 |
| 404 | 380 | 539 | 1300 |
| 405 | 381 | 542 | 1244 |
| 406 | 382 | 544 | 1320 |
| 407 | 383 | 547 | 1248 |
| 408 | 384 | 550 | 1340 |
| 409 | 385 | 552 | 1252 |
| 410 | 386 | 555 | 1360 |
| 411 | 387 | 558 | 1256 |
| 412 | 388 | 560 | 1380 |
| 413 | 389 | 566 | 1400 |
| 414 | 390 | 568 | 1264 |
| 415 | 391 | 571 | 1420 |
| 416 | 392 | 574 | 1268 |
| 417 | 393 | 577 | 1440 |
| 418 | 394 | 580 | 1272 |
| 419 | 395 | 583 | 1460 |
| 420 | 396 | 586 | 1276 |
| 421 | 397 | 589 | 1480 |
| 422 | 398 | 767 | 1296 |
| 423 | 399 | 770 | 1200 |
| 424 | 400 | 772 | 1316 |
| 425 | 401 | 775 | 1204 |
| 426 | 402 | 778 | 1336 |
| 427 | 403 | 780 | 1208 |
| 428 | 404 | 783 | 1356 |
| 429 | 405 | 786 | 1212 |
| 430 | 406 | 788 | 1376 |
| 431 | 407 | 794 | 1396 |
| 432 | 408 | 796 | 1220 |
| 433 | 409 | 799 | 1416 |
| 434 | 410 | 802 | 1224 |
| 435 | 411 | 805 | 1436 |
| 436 | 412 | 808 | 1228 |
| 437 | 413 | 811 | 1456 |
| 438 | 414 | 814 | 1232 |
| 439 | 415 | 817 | 1476 |
| 440 | 416 | 536 | 1240 |
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| 442 | 418 | 592 | 1280 |
| 443 | 419 | 764 | 1196 |
| 444 | 420 | 791 | 1216 |
| 445 | 421 | 820 | 1236 |
| 558 | 536 | 537 | 949 |
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| 561 | 539 | 540 | 952 |
| 562 | 540 | 541 | 953 |
| 563 | 541 | 542 | 954 |
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| 565 | 543 | 544 | 961 |
| 566 | 544 | 545 | 962 |
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| 576 | 554 | 555 | 979 |
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| 582 | 560 | 561 | 990 |

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| 584 | 562 | 563 | 992 |
| 585 | 563 | 564 | 997 |
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| 588 | 566 | 567 | 1000 |
| 589 | 567 | 568 | 938 |
| 590 | 568 | 569 | 1005 |
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| 592 | 570 | 571 | 1007 |
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| 594 | 572 | 573 | 1009 |
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| 599 | 577 | 578 | 1019 |
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| 603 | 581 | 582 | 1028 |
| 604 | 582 | 583 | 1029 |
| 605 | 583 | 584 | 1030 |
| 606 | 584 | 585 | 939 |
| 607 | 585 | 586 | 940 |
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| 609 | 587 | 588 | 1036 |
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| 611 | 589 | 590 | 1038 |
| 612 | 590 | 591 | 1039 |
| 613 | 591 | 592 | 1040 |
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| 839 | 765 | 766 | 956 |
| 840 | 766 | 767 | 957 |
| 841 | 767 | 768 | 958 |
| 842 | 768 | 769 | 959 |
| 843 | 769 | 770 | 960 |
| 844 | 770 | 771 | 941 |
| 845 | 771 | 772 | 965 |
| 846 | 772 | 773 | 966 |
| 847 | 773 | 774 | 967 |
| 848 | 774 | 775 | 968 |
| 849 | 775 | 776 | 973 |
| 850 | 776 | 777 | 974 |
| 851 | 777 | 778 | 975 |
| 852 | 778 | 779 | 976 |
| 853 | 779 | 780 | 942 |
| 854 | 780 | 781 | 983 |
| 855 | 781 | 782 | 984 |
| 856 | 782 | 783 | 985 |
| 857 | 783 | 784 | 986 |
| 858 | 784 | 785 | 987 |
| 859 | 785 | 786 | 988 |
| 860 | 786 | 787 | 943 |
| 861 | 787 | 788 | 993 |
| 862 | 788 | 789 | 994 |
| 863 | 789 | 790 | 995 |
| 864 | 790 | 791 | 996 |
| 865 | 791 | 792 | 1001 |
| 866 | 792 | 793 | 1002 |
| 867 | 793 | 794 | 1003 |
| 868 | 794 | 795 | 1004 |
| 869 | 795 | 796 | 944 |
| 870 | 796 | 797 | 1011 |
| 871 | 797 | 798 | 1012 |
| 872 | 798 | 799 | 1013 |
| 873 | 799 | 800 | 1014 |
| 874 | 800 | 801 | 1015 |
| 875 | 801 | 802 | 1016 |
| 876 | 802 | 803 | 948 |
| 877 | 803 | 804 | 1022 |
| 878 | 804 | 805 | 1023 |
| 879 | 805 | 806 | 1024 |

| | | | |
|---|---|---|---|
| 880 | 806 | 807 | 1025 |
| 881 | 807 | 808 | 1026 |
| 882 | 808 | 809 | 1031 |
| 883 | 809 | 810 | 1032 |
| 884 | 810 | 811 | 1033 |
| 885 | 811 | 812 | 1034 |
| 886 | 812 | 813 | 945 |
| 887 | 813 | 814 | 946 |
| 888 | 814 | 815 | 1041 |
| 889 | 815 | 816 | 1042 |
| 890 | 816 | 817 | 1043 |
| 891 | 817 | 818 | 1044 |
| 892 | 818 | 819 | 1045 |
| 893 | 819 | 820 | 1046 |

TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST NODE NUMBER = 1500

D E F A U L T S O L V E R C H O S E N

N O D E C O O R D I N A T E S

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|---|---|---|---|
| 1 | 40.0000 | 5.62500 | -8.60000 |
| 2 | 40.0000 | 5.62500 | -8.60000 |
| 3 | 40.0000 | 5.62500 | -6.80000 |
| 4 | 40.0000 | 5.62500 | -5.46667 |
| 5 | 40.0000 | 5.62500 | -4.13333 |
| 6 | 0.000000E+00 | 2.35000 | -2.80000 |
| 7 | 40.0000 | 2.35000 | -2.80000 |
| 8 | 81.0000 | 2.35000 | -2.80000 |
| 9 | 0.000000E+00 | 5.62500 | -2.80000 |
| 10 | 0.000000E+00 | 5.62500 | -2.80000 |
| 11 | 40.0000 | 5.62500 | -2.80000 |
| 12 | 81.0000 | 5.62500 | -2.80000 |
| 13 | 81.0000 | 5.62500 | -2.80000 |
| 14 | 0.000000E+00 | 8.90000 | -2.80000 |
| 15 | 40.0000 | 8.90000 | -2.80000 |
| 16 | 81.0000 | 8.90000 | -2.80000 |
| 17 | 0.000000E+00 | 2.35000 | -2.30000 |
| 18 | 0.000000E+00 | 2.35000 | -2.30000 |
| 19 | 4.00000 | 2.35000 | -2.30000 |
| 20 | 8.00000 | 2.35000 | -2.30000 |
| 21 | 12.0000 | 2.35000 | -2.30000 |
| 22 | 16.0000 | 2.35000 | -2.30000 |
| 23 | 20.0000 | 2.35000 | -2.30000 |
| 24 | 24.0000 | 2.35000 | -2.30000 |
| 25 | 28.0000 | 2.35000 | -2.30000 |
| 26 | 32.0000 | 2.35000 | -2.30000 |
| 27 | 36.0000 | 2.35000 | -2.30000 |
| 28 | 40.0000 | 2.35000 | -2.30000 |
| 29 | 40.0000 | 2.35000 | -2.30000 |
| 30 | 44.0000 | 2.35000 | -2.30000 |
| 31 | 48.0000 | 2.35000 | -2.30000 |
| 32 | 52.2500 | 2.35000 | -2.30000 |
| 33 | 56.5000 | 2.35000 | -2.30000 |
| 34 | 60.7500 | 2.35000 | -2.30000 |
| 35 | 65.0000 | 2.35000 | -2.30000 |
| 36 | 69.0000 | 2.35000 | -2.30000 |
| 37 | 73.0000 | 2.35000 | -2.30000 |
| 38 | 77.0000 | 2.35000 | -2.30000 |
| 39 | 81.0000 | 2.35000 | -2.30000 |
| 40 | 81.0000 | 2.35000 | -2.30000 |

| | | | |
|---|---|---|---|
| 41 | 0.000000E+00 | 8.90000 | -2.30000 |
| 42 | 0.000000E+00 | 8.90000 | -2.30000 |
| 43 | 4.00000 | 8.90000 | -2.30000 |
| 44 | 8.00000 | 8.90000 | -2.30000 |
| 45 | 12.0000 | 8.90000 | -2.30000 |
| 46 | 16.0000 | 8.90000 | -2.30000 |
| 47 | 20.0000 | 8.90000 | -2.30000 |
| 48 | 24.0000 | 8.90000 | -2.30000 |
| 49 | 28.0000 | 8.90000 | -2.30000 |
| 50 | 32.0000 | 8.90000 | -2.30000 |
| 51 | 36.0000 | 8.90000 | -2.30000 |
| 52 | 40.0000 | 8.90000 | -2.30000 |
| 53 | 40.0000 | 8.90000 | -2.30000 |
| 54 | 44.0000 | 8.90000 | -2.30000 |
| 55 | 48.0000 | 8.90000 | -2.30000 |
| 56 | 52.2500 | 8.90000 | -2.30000 |
| 57 | 56.5000 | 8.90000 | -2.30000 |
| 58 | 60.7500 | 8.90000 | -2.30000 |
| 59 | 65.0000 | 8.90000 | -2.30000 |
| 60 | 69.0000 | 8.90000 | -2.30000 |
| 61 | 73.0000 | 8.90000 | -2.30000 |
| 62 | 77.0000 | 8.90000 | -2.30000 |
| 63 | 81.0000 | 8.90000 | -2.30000 |
| 64 | 81.0000 | 8.90000 | -2.30000 |
| 65 | 0.000000E+00 | 2.35000 | -2.02500 |
| 66 | 40.0000 | 2.35000 | -2.02500 |
| 67 | 81.0000 | 2.35000 | -2.02500 |
| 68 | 0.000000E+00 | 8.90000 | -2.02500 |
| 69 | 40.0000 | 8.90000 | -2.02500 |
| 70 | 81.0000 | 8.90000 | -2.02500 |
| 71 | 4.00000 | 2.35000 | -1.89750 |
| 72 | 8.00000 | 2.35000 | -1.89750 |
| 73 | 12.0000 | 2.35000 | -1.89750 |
| 74 | 16.0000 | 2.35000 | -1.89750 |
| 75 | 20.0000 | 2.35000 | -1.89750 |
| 76 | 24.0000 | 2.35000 | -1.89750 |
| 77 | 28.0000 | 2.35000 | -1.89750 |
| 78 | 32.0000 | 2.35000 | -1.89750 |
| 79 | 36.0000 | 2.35000 | -1.89750 |
| 80 | 44.0000 | 2.35000 | -1.89750 |
| 81 | 48.0000 | 2.35000 | -1.89750 |
| 82 | 52.2500 | 2.35000 | -1.89750 |
| 83 | 56.5000 | 2.35000 | -1.89750 |
| 84 | 60.7500 | 2.35000 | -1.89750 |
| 85 | 65.0000 | 2.35000 | -1.89750 |
| 86 | 69.0000 | 2.35000 | -1.89750 |
| 87 | 73.0000 | 2.35000 | -1.89750 |
| 88 | 77.0000 | 2.35000 | -1.89750 |
| 89 | 4.00000 | 8.90000 | -1.89750 |
| 90 | 8.00000 | 8.90000 | -1.89750 |
| 91 | 12.0000 | 8.90000 | -1.89750 |
| 92 | 16.0000 | 8.90000 | -1.89750 |
| 93 | 20.0000 | 8.90000 | -1.89750 |
| 94 | 24.0000 | 8.90000 | -1.89750 |
| 95 | 28.0000 | 8.90000 | -1.89750 |
| 96 | 32.0000 | 8.90000 | -1.89750 |
| 97 | 36.0000 | 8.90000 | -1.89750 |
| 98 | 44.0000 | 8.90000 | -1.89750 |
| 99 | 48.0000 | 8.90000 | -1.89750 |
| 100 | 52.2500 | 8.90000 | -1.89750 |
| 101 | 56.5000 | 8.90000 | -1.89750 |
| 102 | 60.7500 | 8.90000 | -1.89750 |
| 103 | 65.0000 | 8.90000 | -1.89750 |
| 104 | 69.0000 | 8.90000 | -1.89750 |
| 105 | 73.0000 | 8.90000 | -1.89750 |
| 106 | 77.0000 | 8.90000 | -1.89750 |
| 107 | 0.000000E+00 | 2.35000 | -1.75000 |
| 108 | 40.0000 | 2.35000 | -1.75000 |
| 109 | 81.0000 | 2.35000 | -1.75000 |
| 110 | 0.000000E+00 | 8.90000 | -1.75000 |
| 111 | 40.0000 | 8.90000 | -1.75000 |
| 112 | 81.0000 | 8.90000 | -1.75000 |
| 113 | 4.00000 | 2.35000 | -1.49500 |

| | | | |
|---|---|---|---|
| 114 | 8.00000 | 2.35000 | -1.49500 |
| 115 | 12.0000 | 2.35000 | -1.49500 |
| 116 | 16.0000 | 2.35000 | -1.49500 |
| 117 | 20.0000 | 2.35000 | -1.49500 |
| 118 | 24.0000 | 2.35000 | -1.49500 |
| 119 | 28.0000 | 2.35000 | -1.49500 |
| 120 | 32.0000 | 2.35000 | -1.49500 |
| 121 | 36.0000 | 2.35000 | -1.49500 |
| 122 | 44.0000 | 2.35000 | -1.49500 |
| 123 | 48.0000 | 2.35000 | -1.49500 |
| 124 | 52.2500 | 2.35000 | -1.49500 |
| 125 | 56.5000 | 2.35000 | -1.49500 |
| 126 | 60.7500 | 2.35000 | -1.49500 |
| 127 | 65.0000 | 2.35000 | -1.49500 |
| 128 | 69.0000 | 2.35000 | -1.49500 |
| 129 | 73.0000 | 2.35000 | -1.49500 |
| 130 | 77.0000 | 2.35000 | -1.49500 |
| 131 | 4.00000 | 8.90000 | -1.49500 |
| 132 | 8.00000 | 8.90000 | -1.49500 |
| 133 | 12.0000 | 8.90000 | -1.49500 |
| 134 | 16.0000 | 8.90000 | -1.49500 |
| 135 | 20.0000 | 8.90000 | -1.49500 |
| 136 | 24.0000 | 8.90000 | -1.49500 |
| 137 | 28.0000 | 8.90000 | -1.49500 |
| 138 | 32.0000 | 8.90000 | -1.49500 |
| 139 | 36.0000 | 8.90000 | -1.49500 |
| 140 | 44.0000 | 8.90000 | -1.49500 |
| 141 | 48.0000 | 8.90000 | -1.49500 |
| 142 | 52.2500 | 8.90000 | -1.49500 |
| 143 | 56.5000 | 8.90000 | -1.49500 |
| 144 | 60.7500 | 8.90000 | -1.49500 |
| 145 | 65.0000 | 8.90000 | -1.49500 |
| 146 | 69.0000 | 8.90000 | -1.49500 |
| 147 | 73.0000 | 8.90000 | -1.49500 |
| 148 | 77.0000 | 8.90000 | -1.49500 |
| 149 | 0.000000E+00 | 2.35000 | -1.42500 |
| 150 | 40.0000 | 2.35000 | -1.42500 |
| 151 | 81.0000 | 2.35000 | -1.42500 |
| 152 | 0.000000E+00 | 8.90000 | -1.42500 |
| 153 | 40.0000 | 8.90000 | -1.42500 |
| 154 | 81.0000 | 8.90000 | -1.42500 |
| 155 | 4.00000 | 2.35000 | -1.29750 |
| 156 | 8.00000 | 2.35000 | -1.29750 |
| 157 | 12.0000 | 2.35000 | -1.29750 |
| 158 | 16.0000 | 2.35000 | -1.29750 |
| 159 | 20.0000 | 2.35000 | -1.29750 |
| 160 | 24.0000 | 2.35000 | -1.29750 |
| 161 | 28.0000 | 2.35000 | -1.29750 |
| 162 | 32.0000 | 2.35000 | -1.29750 |
| 163 | 36.0000 | 2.35000 | -1.29750 |
| 164 | 44.0000 | 2.35000 | -1.29750 |
| 165 | 48.0000 | 2.35000 | -1.29750 |
| 166 | 52.2500 | 2.35000 | -1.29750 |
| 167 | 56.5000 | 2.35000 | -1.29750 |
| 168 | 60.7500 | 2.35000 | -1.29750 |
| 169 | 65.0000 | 2.35000 | -1.29750 |
| 170 | 69.0000 | 2.35000 | -1.29750 |
| 171 | 73.0000 | 2.35000 | -1.29750 |
| 172 | 77.0000 | 2.35000 | -1.29750 |
| 173 | 4.00000 | 8.90000 | -1.29750 |
| 174 | 8.00000 | 8.90000 | -1.29750 |
| 175 | 12.0000 | 8.90000 | -1.29750 |
| 176 | 16.0000 | 8.90000 | -1.29750 |
| 177 | 20.0000 | 8.90000 | -1.29750 |
| 178 | 24.0000 | 8.90000 | -1.29750 |
| 179 | 28.0000 | 8.90000 | -1.29750 |
| 180 | 32.0000 | 8.90000 | -1.29750 |
| 181 | 36.0000 | 8.90000 | -1.29750 |
| 182 | 44.0000 | 8.90000 | -1.29750 |
| 183 | 48.0000 | 8.90000 | -1.29750 |
| 184 | 52.2500 | 8.90000 | -1.29750 |
| 185 | 56.5000 | 8.90000 | -1.29750 |
| 186 | 60.7500 | 8.90000 | -1.29750 |

| | | | |
|---|---|---|---|
| 187 | 65.0000 | 8.90000 | -1.29750 |
| 188 | 69.0000 | 8.90000 | -1.29750 |
| 189 | 73.0000 | 8.90000 | -1.29750 |
| 190 | 77.0000 | 8.90000 | -1.29750 |
| 191 | 0.000000E+00 | 2.35000 | -1.10000 |
| 192 | 4.00000 | 2.35000 | -1.10000 |
| 193 | 8.00000 | 2.35000 | -1.10000 |
| 194 | 12.0000 | 2.35000 | -1.10000 |
| 195 | 16.0000 | 2.35000 | -1.10000 |
| 196 | 20.0000 | 2.35000 | -1.10000 |
| 197 | 24.0000 | 2.35000 | -1.10000 |
| 198 | 28.0000 | 2.35000 | -1.10000 |
| 199 | 32.0000 | 2.35000 | -1.10000 |
| 200 | 36.0000 | 2.35000 | -1.10000 |
| 201 | 40.0000 | 2.35000 | -1.10000 |
| 202 | 44.0000 | 2.35000 | -1.10000 |
| 203 | 48.0000 | 2.35000 | -1.10000 |
| 204 | 52.2500 | 2.35000 | -1.10000 |
| 205 | 56.5000 | 2.35000 | -1.10000 |
| 206 | 60.7500 | 2.35000 | -1.10000 |
| 207 | 65.0000 | 2.35000 | -1.10000 |
| 208 | 69.0000 | 2.35000 | -1.10000 |
| 209 | 73.0000 | 2.35000 | -1.10000 |
| 210 | 77.0000 | 2.35000 | -1.10000 |
| 211 | 81.0000 | 2.35000 | -1.10000 |
| 212 | 0.000000E+00 | 3.98750 | -1.10000 |
| 213 | 4.00000 | 3.98750 | -1.10000 |
| 214 | 8.00000 | 3.98750 | -1.10000 |
| 215 | 12.0000 | 3.98750 | -1.10000 |
| 216 | 16.0000 | 3.98750 | -1.10000 |
| 217 | 20.0000 | 3.98750 | -1.10000 |
| 218 | 24.0000 | 3.98750 | -1.10000 |
| 219 | 28.0000 | 3.98750 | -1.10000 |
| 220 | 32.0000 | 3.98750 | -1.10000 |
| 221 | 36.0000 | 3.98750 | -1.10000 |
| 222 | 40.0000 | 3.98750 | -1.10000 |
| 223 | 44.0000 | 3.98750 | -1.10000 |
| 224 | 48.0000 | 3.98750 | -1.10000 |
| 225 | 52.2500 | 3.98750 | -1.10000 |
| 226 | 56.5000 | 3.98750 | -1.10000 |
| 227 | 60.7500 | 3.98750 | -1.10000 |
| 228 | 65.0000 | 3.98750 | -1.10000 |
| 229 | 69.0000 | 3.98750 | -1.10000 |
| 230 | 73.0000 | 3.98750 | -1.10000 |
| 231 | 77.0000 | 3.98750 | -1.10000 |
| 232 | 81.0000 | 3.98750 | -1.10000 |
| 233 | 0.000000E+00 | 5.62500 | -1.10000 |
| 234 | 4.00000 | 5.62500 | -1.10000 |
| 235 | 8.00000 | 5.62500 | -1.10000 |
| 236 | 12.0000 | 5.62500 | -1.10000 |
| 237 | 16.0000 | 5.62500 | -1.10000 |
| 238 | 20.0000 | 5.62500 | -1.10000 |
| 239 | 24.0000 | 5.62500 | -1.10000 |
| 240 | 28.0000 | 5.62500 | -1.10000 |
| 241 | 32.0000 | 5.62500 | -1.10000 |
| 242 | 36.0000 | 5.62500 | -1.10000 |
| 243 | 40.0000 | 5.62500 | -1.10000 |
| 244 | 44.0000 | 5.62500 | -1.10000 |
| 245 | 48.0000 | 5.62500 | -1.10000 |
| 246 | 52.2500 | 5.62500 | -1.10000 |
| 247 | 56.5000 | 5.62500 | -1.10000 |
| 248 | 60.7500 | 5.62500 | -1.10000 |
| 249 | 65.0000 | 5.62500 | -1.10000 |
| 250 | 69.0000 | 5.62500 | -1.10000 |
| 251 | 73.0000 | 5.62500 | -1.10000 |
| 252 | 77.0000 | 5.62500 | -1.10000 |
| 253 | 81.0000 | 5.62500 | -1.10000 |
| 254 | 0.000000E+00 | 7.26250 | -1.10000 |
| 255 | 4.00000 | 7.26250 | -1.10000 |
| 256 | 8.00000 | 7.26250 | -1.10000 |
| 257 | 12.0000 | 7.26250 | -1.10000 |
| 258 | 16.0000 | 7.26250 | -1.10000 |
| 259 | 20.0000 | 7.26250 | -1.10000 |

| | | | |
|---|---|---|---|
| 260 | 24.0000 | 7.26250 | -1.10000 |
| 261 | 28.0000 | 7.26250 | -1.10000 |
| 262 | 32.0000 | 7.26250 | -1.10000 |
| 263 | 36.0000 | 7.26250 | -1.10000 |
| 264 | 40.0000 | 7.26250 | -1.10000 |
| 265 | 44.0000 | 7.26250 | -1.10000 |
| 266 | 48.0000 | 7.26250 | -1.10000 |
| 267 | 52.2500 | 7.26250 | -1.10000 |
| 268 | 56.5000 | 7.26250 | -1.10000 |
| 269 | 60.7500 | 7.26250 | -1.10000 |
| 270 | 65.0000 | 7.26250 | -1.10000 |
| 271 | 69.0000 | 7.26250 | -1.10000 |
| 272 | 73.0000 | 7.26250 | -1.10000 |
| 273 | 77.0000 | 7.26250 | -1.10000 |
| 274 | 81.0000 | 7.26250 | -1.10000 |
| 275 | 0.000000E+00 | 8.90000 | -1.10000 |
| 276 | 4.00000 | 8.90000 | -1.10000 |
| 277 | 8.00000 | 8.90000 | -1.10000 |
| 278 | 12.0000 | 8.90000 | -1.10000 |
| 279 | 16.0000 | 8.90000 | -1.10000 |
| 280 | 20.0000 | 8.90000 | -1.10000 |
| 281 | 24.0000 | 8.90000 | -1.10000 |
| 282 | 28.0000 | 8.90000 | -1.10000 |
| 283 | 32.0000 | 8.90000 | -1.10000 |
| 284 | 36.0000 | 8.90000 | -1.10000 |
| 285 | 40.0000 | 8.90000 | -1.10000 |
| 286 | 44.0000 | 8.90000 | -1.10000 |
| 287 | 48.0000 | 8.90000 | -1.10000 |
| 288 | 52.2500 | 8.90000 | -1.10000 |
| 289 | 56.5000 | 8.90000 | -1.10000 |
| 290 | 60.7500 | 8.90000 | -1.10000 |
| 291 | 65.0000 | 8.90000 | -1.10000 |
| 292 | 69.0000 | 8.90000 | -1.10000 |
| 293 | 73.0000 | 8.90000 | -1.10000 |
| 294 | 77.0000 | 8.90000 | -1.10000 |
| 295 | 81.0000 | 8.90000 | -1.10000 |
| 296 | 4.00000 | 2.35000 | -0.902500 |
| 297 | 8.00000 | 2.35000 | -0.902500 |
| 298 | 12.0000 | 2.35000 | -0.902500 |
| 299 | 16.0000 | 2.35000 | -0.902500 |
| 300 | 20.0000 | 2.35000 | -0.902500 |
| 301 | 24.0000 | 2.35000 | -0.902500 |
| 302 | 28.0000 | 2.35000 | -0.902500 |
| 303 | 32.0000 | 2.35000 | -0.902500 |
| 304 | 36.0000 | 2.35000 | -0.902500 |
| 305 | 44.0000 | 2.35000 | -0.902500 |
| 306 | 48.0000 | 2.35000 | -0.902500 |
| 307 | 52.2500 | 2.35000 | -0.902500 |
| 308 | 56.5000 | 2.35000 | -0.902500 |
| 309 | 60.7500 | 2.35000 | -0.902500 |
| 310 | 65.0000 | 2.35000 | -0.902500 |
| 311 | 69.0000 | 2.35000 | -0.902500 |
| 312 | 73.0000 | 2.35000 | -0.902500 |
| 313 | 77.0000 | 2.35000 | -0.902500 |
| 314 | 4.00000 | 8.90000 | -0.902500 |
| 315 | 8.00000 | 8.90000 | -0.902500 |
| 316 | 12.0000 | 8.90000 | -0.902500 |
| 317 | 16.0000 | 8.90000 | -0.902500 |
| 318 | 20.0000 | 8.90000 | -0.902500 |
| 319 | 24.0000 | 8.90000 | -0.902500 |
| 320 | 28.0000 | 8.90000 | -0.902500 |
| 321 | 32.0000 | 8.90000 | -0.902500 |
| 322 | 36.0000 | 8.90000 | -0.902500 |
| 323 | 44.0000 | 8.90000 | -0.902500 |
| 324 | 48.0000 | 8.90000 | -0.902500 |
| 325 | 52.2500 | 8.90000 | -0.902500 |
| 326 | 56.5000 | 8.90000 | -0.902500 |
| 327 | 60.7500 | 8.90000 | -0.902500 |
| 328 | 65.0000 | 8.90000 | -0.902500 |
| 329 | 69.0000 | 8.90000 | -0.902500 |
| 330 | 73.0000 | 8.90000 | -0.902500 |
| 331 | 77.0000 | 8.90000 | -0.902500 |
| 332 | 0.000000E+00 | 2.35000 | -0.775000 |

| | | | |
|---|---|---|---|
| 333 | 40.0000 | 2.35000 | -0.775000 |
| 334 | 81.0000 | 2.35000 | -0.775000 |
| 335 | 0.000000E+00 | 8.90000 | -0.775000 |
| 336 | 40.0000 | 8.90000 | -0.775000 |
| 337 | 81.0000 | 8.90000 | -0.775000 |
| 338 | 4.00000 | 2.35000 | -0.705000 |
| 339 | 8.00000 | 2.35000 | -0.705000 |
| 340 | 12.0000 | 2.35000 | -0.705000 |
| 341 | 16.0000 | 2.35000 | -0.705000 |
| 342 | 20.0000 | 2.35000 | -0.705000 |
| 343 | 24.0000 | 2.35000 | -0.705000 |
| 344 | 28.0000 | 2.35000 | -0.705000 |
| 345 | 32.0000 | 2.35000 | -0.705000 |
| 346 | 36.0000 | 2.35000 | -0.705000 |
| 347 | 44.0000 | 2.35000 | -0.705000 |
| 348 | 48.0000 | 2.35000 | -0.705000 |
| 349 | 52.2500 | 2.35000 | -0.705000 |
| 350 | 56.5000 | 2.35000 | -0.705000 |
| 351 | 60.7500 | 2.35000 | -0.705000 |
| 352 | 65.0000 | 2.35000 | -0.705000 |
| 353 | 69.0000 | 2.35000 | -0.705000 |
| 354 | 73.0000 | 2.35000 | -0.705000 |
| 355 | 77.0000 | 2.35000 | -0.705000 |
| 356 | 4.00000 | 8.90000 | -0.705000 |
| 357 | 8.00000 | 8.90000 | -0.705000 |
| 358 | 12.0000 | 8.90000 | -0.705000 |
| 359 | 16.0000 | 8.90000 | -0.705000 |
| 360 | 20.0000 | 8.90000 | -0.705000 |
| 361 | 24.0000 | 8.90000 | -0.705000 |
| 362 | 28.0000 | 8.90000 | -0.705000 |
| 363 | 32.0000 | 8.90000 | -0.705000 |
| 364 | 36.0000 | 8.90000 | -0.705000 |
| 365 | 44.0000 | 8.90000 | -0.705000 |
| 366 | 48.0000 | 8.90000 | -0.705000 |
| 367 | 52.2500 | 8.90000 | -0.705000 |
| 368 | 56.5000 | 8.90000 | -0.705000 |
| 369 | 60.7500 | 8.90000 | -0.705000 |
| 370 | 65.0000 | 8.90000 | -0.705000 |
| 371 | 69.0000 | 8.90000 | -0.705000 |
| 372 | 73.0000 | 8.90000 | -0.705000 |
| 373 | 77.0000 | 8.90000 | -0.705000 |
| 374 | 0.000000E+00 | 2.35000 | -0.450000 |
| 375 | 40.0000 | 2.35000 | -0.450000 |
| 376 | 81.0000 | 2.35000 | -0.450000 |
| 377 | 0.000000E+00 | 8.90000 | -0.450000 |
| 378 | 40.0000 | 8.90000 | -0.450000 |
| 379 | 81.0000 | 8.90000 | -0.450000 |
| 380 | 4.00000 | 2.35000 | -0.352500 |
| 381 | 8.00000 | 2.35000 | -0.352500 |
| 382 | 12.0000 | 2.35000 | -0.352500 |
| 383 | 16.0000 | 2.35000 | -0.352500 |
| 384 | 20.0000 | 2.35000 | -0.352500 |
| 385 | 24.0000 | 2.35000 | -0.352500 |
| 386 | 28.0000 | 2.35000 | -0.352500 |
| 387 | 32.0000 | 2.35000 | -0.352500 |
| 388 | 36.0000 | 2.35000 | -0.352500 |
| 389 | 44.0000 | 2.35000 | -0.352500 |
| 390 | 48.0000 | 2.35000 | -0.352500 |
| 391 | 52.2500 | 2.35000 | -0.352500 |
| 392 | 56.5000 | 2.35000 | -0.352500 |
| 393 | 60.7500 | 2.35000 | -0.352500 |
| 394 | 65.0000 | 2.35000 | -0.352500 |
| 395 | 69.0000 | 2.35000 | -0.352500 |
| 396 | 73.0000 | 2.35000 | -0.352500 |
| 397 | 77.0000 | 2.35000 | -0.352500 |
| 398 | 4.00000 | 8.90000 | -0.352500 |
| 399 | 8.00000 | 8.90000 | -0.352500 |
| 400 | 12.0000 | 8.90000 | -0.352500 |
| 401 | 16.0000 | 8.90000 | -0.352500 |
| 402 | 20.0000 | 8.90000 | -0.352500 |
| 403 | 24.0000 | 8.90000 | -0.352500 |
| 404 | 28.0000 | 8.90000 | -0.352500 |
| 405 | 32.0000 | 8.90000 | -0.352500 |

| | | | |
|---|---|---|---|
| 406 | 36.0000 | 8.90000 | -0.352500 |
| 407 | 44.0000 | 8.90000 | -0.352500 |
| 408 | 48.0000 | 8.90000 | -0.352500 |
| 409 | 52.2500 | 8.90000 | -0.352500 |
| 410 | 56.5000 | 8.90000 | -0.352500 |
| 411 | 60.7500 | 8.90000 | -0.352500 |
| 412 | 65.0000 | 8.90000 | -0.352500 |
| 413 | 69.0000 | 8.90000 | -0.352500 |
| 414 | 73.0000 | 8.90000 | -0.352500 |
| 415 | 77.0000 | 8.90000 | -0.352500 |
| 416 | 0.000000E+00 | 2.35000 | -0.225000 |
| 417 | 40.0000 | 2.35000 | -0.225000 |
| 418 | 81.0000 | 2.35000 | -0.225000 |
| 419 | 0.000000E+00 | 8.90000 | -0.225000 |
| 420 | 40.0000 | 8.90000 | -0.225000 |
| 421 | 81.0000 | 8.90000 | -0.225000 |
| 422 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 423 | 1.33333 | 0.000000E+00 | 0.000000E+00 |
| 424 | 2.66667 | 0.000000E+00 | 0.000000E+00 |
| 425 | 4.00000 | 0.000000E+00 | 0.000000E+00 |
| 426 | 5.33333 | 0.000000E+00 | 0.000000E+00 |
| 427 | 6.66667 | 0.000000E+00 | 0.000000E+00 |
| 428 | 8.00000 | 0.000000E+00 | 0.000000E+00 |
| 429 | 10.0000 | 0.000000E+00 | 0.000000E+00 |
| 430 | 12.0000 | 0.000000E+00 | 0.000000E+00 |
| 431 | 13.3333 | 0.000000E+00 | 0.000000E+00 |
| 432 | 14.6667 | 0.000000E+00 | 0.000000E+00 |
| 433 | 16.0000 | 0.000000E+00 | 0.000000E+00 |
| 434 | 17.3333 | 0.000000E+00 | 0.000000E+00 |
| 435 | 18.6667 | 0.000000E+00 | 0.000000E+00 |
| 436 | 20.0000 | 0.000000E+00 | 0.000000E+00 |
| 437 | 22.0000 | 0.000000E+00 | 0.000000E+00 |
| 438 | 24.0000 | 0.000000E+00 | 0.000000E+00 |
| 439 | 25.3333 | 0.000000E+00 | 0.000000E+00 |
| 440 | 26.6667 | 0.000000E+00 | 0.000000E+00 |
| 441 | 28.0000 | 0.000000E+00 | 0.000000E+00 |
| 442 | 29.3333 | 0.000000E+00 | 0.000000E+00 |
| 443 | 30.6667 | 0.000000E+00 | 0.000000E+00 |
| 444 | 32.0000 | 0.000000E+00 | 0.000000E+00 |
| 445 | 34.0000 | 0.000000E+00 | 0.000000E+00 |
| 446 | 36.0000 | 0.000000E+00 | 0.000000E+00 |
| 447 | 37.3333 | 0.000000E+00 | 0.000000E+00 |
| 448 | 38.6667 | 0.000000E+00 | 0.000000E+00 |
| 449 | 40.0000 | 0.000000E+00 | 0.000000E+00 |
| 450 | 41.3333 | 0.000000E+00 | 0.000000E+00 |
| 451 | 42.6667 | 0.000000E+00 | 0.000000E+00 |
| 452 | 44.0000 | 0.000000E+00 | 0.000000E+00 |
| 453 | 46.0000 | 0.000000E+00 | 0.000000E+00 |
| 454 | 48.0000 | 0.000000E+00 | 0.000000E+00 |
| 455 | 49.4167 | 0.000000E+00 | 0.000000E+00 |
| 456 | 50.8333 | 0.000000E+00 | 0.000000E+00 |
| 457 | 52.2500 | 0.000000E+00 | 0.000000E+00 |
| 458 | 53.6667 | 0.000000E+00 | 0.000000E+00 |
| 459 | 55.0833 | 0.000000E+00 | 0.000000E+00 |
| 460 | 56.5000 | 0.000000E+00 | 0.000000E+00 |
| 461 | 58.0000 | 0.000000E+00 | 0.000000E+00 |
| 462 | 59.3750 | 0.000000E+00 | 0.000000E+00 |
| 463 | 60.7500 | 0.000000E+00 | 0.000000E+00 |
| 464 | 62.1667 | 0.000000E+00 | 0.000000E+00 |
| 465 | 63.5833 | 0.000000E+00 | 0.000000E+00 |
| 466 | 65.0000 | 0.000000E+00 | 0.000000E+00 |
| 467 | 66.3333 | 0.000000E+00 | 0.000000E+00 |
| 468 | 67.6667 | 0.000000E+00 | 0.000000E+00 |
| 469 | 69.0000 | 0.000000E+00 | 0.000000E+00 |
| 470 | 70.0000 | 0.000000E+00 | 0.000000E+00 |
| 471 | 71.5000 | 0.000000E+00 | 0.000000E+00 |
| 472 | 73.0000 | 0.000000E+00 | 0.000000E+00 |
| 473 | 74.3333 | 0.000000E+00 | 0.000000E+00 |
| 474 | 75.6667 | 0.000000E+00 | 0.000000E+00 |
| 475 | 77.0000 | 0.000000E+00 | 0.000000E+00 |
| 476 | 78.3333 | 0.000000E+00 | 0.000000E+00 |
| 477 | 79.6667 | 0.000000E+00 | 0.000000E+00 |
| 478 | 81.0000 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 479 | 0.000000E+00 | 0.750000 | 0.000000E+00 |
| 480 | 1.33333 | 0.750000 | 0.000000E+00 |
| 481 | 2.66667 | 0.750000 | 0.000000E+00 |
| 482 | 4.00000 | 0.750000 | 0.000000E+00 |
| 483 | 5.33333 | 0.750000 | 0.000000E+00 |
| 484 | 6.66667 | 0.750000 | 0.000000E+00 |
| 485 | 8.00000 | 0.750000 | 0.000000E+00 |
| 486 | 10.0000 | 0.750000 | 0.000000E+00 |
| 487 | 12.0000 | 0.750000 | 0.000000E+00 |
| 488 | 13.3333 | 0.750000 | 0.000000E+00 |
| 489 | 14.6667 | 0.750000 | 0.000000E+00 |
| 490 | 16.0000 | 0.750000 | 0.000000E+00 |
| 491 | 17.3333 | 0.750000 | 0.000000E+00 |
| 492 | 18.6667 | 0.750000 | 0.000000E+00 |
| 493 | 20.0000 | 0.750000 | 0.000000E+00 |
| 494 | 22.0000 | 0.750000 | 0.000000E+00 |
| 495 | 24.0000 | 0.750000 | 0.000000E+00 |
| 496 | 25.3333 | 0.750000 | 0.000000E+00 |
| 497 | 26.6667 | 0.750000 | 0.000000E+00 |
| 498 | 28.0000 | 0.750000 | 0.000000E+00 |
| 499 | 29.3333 | 0.750000 | 0.000000E+00 |
| 500 | 30.6667 | 0.750000 | 0.000000E+00 |
| 501 | 32.0000 | 0.750000 | 0.000000E+00 |
| 502 | 34.0000 | 0.750000 | 0.000000E+00 |
| 503 | 36.0000 | 0.750000 | 0.000000E+00 |
| 504 | 37.3333 | 0.750000 | 0.000000E+00 |
| 505 | 38.6667 | 0.750000 | 0.000000E+00 |
| 506 | 40.0000 | 0.750000 | 0.000000E+00 |
| 507 | 41.3333 | 0.750000 | 0.000000E+00 |
| 508 | 42.6667 | 0.750000 | 0.000000E+00 |
| 509 | 44.0000 | 0.750000 | 0.000000E+00 |
| 510 | 46.0000 | 0.750000 | 0.000000E+00 |
| 511 | 48.0000 | 0.750000 | 0.000000E+00 |
| 512 | 49.4167 | 0.750000 | 0.000000E+00 |
| 513 | 50.8333 | 0.750000 | 0.000000E+00 |
| 514 | 52.2500 | 0.750000 | 0.000000E+00 |
| 515 | 53.6667 | 0.750000 | 0.000000E+00 |
| 516 | 55.0833 | 0.750000 | 0.000000E+00 |
| 517 | 56.5000 | 0.750000 | 0.000000E+00 |
| 518 | 58.0000 | 0.750000 | 0.000000E+00 |
| 519 | 59.3750 | 0.750000 | 0.000000E+00 |
| 520 | 60.7500 | 0.750000 | 0.000000E+00 |
| 521 | 62.1667 | 0.750000 | 0.000000E+00 |
| 522 | 63.5833 | 0.750000 | 0.000000E+00 |
| 523 | 65.0000 | 0.750000 | 0.000000E+00 |
| 524 | 66.3333 | 0.750000 | 0.000000E+00 |
| 525 | 67.6667 | 0.750000 | 0.000000E+00 |
| 526 | 69.0000 | 0.750000 | 0.000000E+00 |
| 527 | 70.0000 | 0.750000 | 0.000000E+00 |
| 528 | 71.5000 | 0.750000 | 0.000000E+00 |
| 529 | 73.0000 | 0.750000 | 0.000000E+00 |
| 530 | 74.3333 | 0.750000 | 0.000000E+00 |
| 531 | 75.6667 | 0.750000 | 0.000000E+00 |
| 532 | 77.0000 | 0.750000 | 0.000000E+00 |
| 533 | 78.3333 | 0.750000 | 0.000000E+00 |
| 534 | 79.6667 | 0.750000 | 0.000000E+00 |
| 535 | 81.0000 | 0.750000 | 0.000000E+00 |
| 536 | 0.000000E+00 | 2.35000 | 0.000000E+00 |
| 537 | 1.33333 | 2.35000 | 0.000000E+00 |
| 538 | 2.66667 | 2.35000 | 0.000000E+00 |
| 539 | 4.00000 | 2.35000 | 0.000000E+00 |
| 540 | 5.33333 | 2.35000 | 0.000000E+00 |
| 541 | 6.66667 | 2.35000 | 0.000000E+00 |
| 542 | 8.00000 | 2.35000 | 0.000000E+00 |
| 543 | 10.0000 | 2.35000 | 0.000000E+00 |
| 544 | 12.0000 | 2.35000 | 0.000000E+00 |
| 545 | 13.3333 | 2.35000 | 0.000000E+00 |
| 546 | 14.6667 | 2.35000 | 0.000000E+00 |
| 547 | 16.0000 | 2.35000 | 0.000000E+00 |
| 548 | 17.3333 | 2.35000 | 0.000000E+00 |
| 549 | 18.6667 | 2.35000 | 0.000000E+00 |
| 550 | 20.0000 | 2.35000 | 0.000000E+00 |
| 551 | 22.0000 | 2.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 552 | 24.0000 | 2.35000 | 0.000000E+00 |
| 553 | 25.3333 | 2.35000 | 0.000000E+00 |
| 554 | 26.6667 | 2.35000 | 0.000000E+00 |
| 555 | 28.0000 | 2.35000 | 0.000000E+00 |
| 556 | 29.3333 | 2.35000 | 0.000000E+00 |
| 557 | 30.6667 | 2.35000 | 0.000000E+00 |
| 558 | 32.0000 | 2.35000 | 0.000000E+00 |
| 559 | 34.0000 | 2.35000 | 0.000000E+00 |
| 560 | 36.0000 | 2.35000 | 0.000000E+00 |
| 561 | 37.3333 | 2.35000 | 0.000000E+00 |
| 562 | 38.6667 | 2.35000 | 0.000000E+00 |
| 563 | 40.0000 | 2.35000 | 0.000000E+00 |
| 564 | 41.3333 | 2.35000 | 0.000000E+00 |
| 565 | 42.6667 | 2.35000 | 0.000000E+00 |
| 566 | 44.0000 | 2.35000 | 0.000000E+00 |
| 567 | 46.0000 | 2.35000 | 0.000000E+00 |
| 568 | 48.0000 | 2.35000 | 0.000000E+00 |
| 569 | 49.4167 | 2.35000 | 0.000000E+00 |
| 570 | 50.8333 | 2.35000 | 0.000000E+00 |
| 571 | 52.2500 | 2.35000 | 0.000000E+00 |
| 572 | 53.6667 | 2.35000 | 0.000000E+00 |
| 573 | 55.0833 | 2.35000 | 0.000000E+00 |
| 574 | 56.5000 | 2.35000 | 0.000000E+00 |
| 575 | 58.0000 | 2.35000 | 0.000000E+00 |
| 576 | 59.3750 | 2.35000 | 0.000000E+00 |
| 577 | 60.7500 | 2.35000 | 0.000000E+00 |
| 578 | 62.1667 | 2.35000 | 0.000000E+00 |
| 579 | 63.5833 | 2.35000 | 0.000000E+00 |
| 580 | 65.0000 | 2.35000 | 0.000000E+00 |
| 581 | 66.3333 | 2.35000 | 0.000000E+00 |
| 582 | 67.6667 | 2.35000 | 0.000000E+00 |
| 583 | 69.0000 | 2.35000 | 0.000000E+00 |
| 584 | 70.0000 | 2.35000 | 0.000000E+00 |
| 585 | 71.5000 | 2.35000 | 0.000000E+00 |
| 586 | 73.0000 | 2.35000 | 0.000000E+00 |
| 587 | 74.3333 | 2.35000 | 0.000000E+00 |
| 588 | 75.6667 | 2.35000 | 0.000000E+00 |
| 589 | 77.0000 | 2.35000 | 0.000000E+00 |
| 590 | 78.3333 | 2.35000 | 0.000000E+00 |
| 591 | 79.6667 | 2.35000 | 0.000000E+00 |
| 592 | 81.0000 | 2.35000 | 0.000000E+00 |
| 593 | 0.000000E+00 | 3.98750 | 0.000000E+00 |
| 594 | 1.33333 | 3.98750 | 0.000000E+00 |
| 595 | 2.66667 | 3.98750 | 0.000000E+00 |
| 596 | 4.00000 | 3.98750 | -0.111022E-15 |
| 597 | 5.33333 | 3.98750 | 0.000000E+00 |
| 598 | 6.66667 | 3.98750 | 0.000000E+00 |
| 599 | 8.00000 | 3.98750 | 0.000000E+00 |
| 600 | 10.0000 | 3.98750 | 0.000000E+00 |
| 601 | 12.0000 | 3.98750 | 0.000000E+00 |
| 602 | 13.3333 | 3.98750 | 0.000000E+00 |
| 603 | 14.6667 | 3.98750 | 0.000000E+00 |
| 604 | 16.0000 | 3.98750 | 0.000000E+00 |
| 605 | 17.3333 | 3.98750 | -0.357931E-15 |
| 606 | 18.6667 | 3.98750 | -0.930621E-15 |
| 607 | 20.0000 | 3.98750 | -0.644276E-14 |
| 608 | 22.0000 | 3.98750 | 0.000000E+00 |
| 609 | 24.0000 | 3.98750 | 0.000000E+00 |
| 610 | 25.3333 | 3.98750 | 0.000000E+00 |
| 611 | 26.6667 | 3.98750 | 0.000000E+00 |
| 612 | 28.0000 | 3.98750 | 0.277556E-16 |
| 613 | 29.3333 | 3.98750 | 0.000000E+00 |
| 614 | 30.6667 | 3.98750 | 0.000000E+00 |
| 615 | 32.0000 | 3.98750 | 0.000000E+00 |
| 616 | 34.0000 | 3.98750 | 0.000000E+00 |
| 617 | 36.0000 | 3.98750 | 0.000000E+00 |
| 618 | 37.3333 | 3.98750 | 0.000000E+00 |
| 619 | 38.6667 | 3.98750 | 0.000000E+00 |
| 620 | 40.0000 | 3.98750 | 0.000000E+00 |
| 621 | 41.3333 | 3.98750 | 0.000000E+00 |
| 622 | 42.6667 | 3.98750 | 0.000000E+00 |
| 623 | 44.0000 | 3.98750 | 0.000000E+00 |
| 624 | 46.0000 | 3.98750 | 0.000000E+00 |

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|---|---|---|---|
| 625 | 48.0000 | 3.98750 | 0.000000E+00 |
| 626 | 49.4167 | 3.98750 | 0.000000E+00 |
| 627 | 50.8333 | 3.98750 | 0.000000E+00 |
| 628 | 52.2500 | 3.98750 | -0.154043E-13 |
| 629 | 53.6667 | 3.98750 | 0.000000E+00 |
| 630 | 55.0833 | 3.98750 | 0.000000E+00 |
| 631 | 56.5000 | 3.98750 | -0.147105E-14 |
| 632 | 58.0000 | 3.98750 | 0.000000E+00 |
| 633 | 59.3750 | 3.98750 | 0.000000E+00 |
| 634 | 60.7500 | 3.98750 | 0.000000E+00 |
| 635 | 62.1667 | 3.98750 | 0.000000E+00 |
| 636 | 63.5833 | 3.98750 | 0.000000E+00 |
| 637 | 65.0000 | 3.98750 | 0.000000E+00 |
| 638 | 66.3333 | 3.98750 | 0.000000E+00 |
| 639 | 67.6667 | 3.98750 | 0.000000E+00 |
| 640 | 69.0000 | 3.98750 | 0.334455E-14 |
| 641 | 70.0000 | 3.98750 | 0.000000E+00 |
| 642 | 71.5000 | 3.98750 | 0.000000E+00 |
| 643 | 73.0000 | 3.98750 | 0.000000E+00 |
| 644 | 74.3333 | 3.98750 | 0.000000E+00 |
| 645 | 75.6667 | 3.98750 | 0.000000E+00 |
| 646 | 77.0000 | 3.98750 | 0.277556E-16 |
| 647 | 78.3333 | 3.98750 | 0.000000E+00 |
| 648 | 79.6667 | 3.98750 | 0.000000E+00 |
| 649 | 81.0000 | 3.98750 | 0.000000E+00 |
| 650 | 0.000000E+00 | 5.62500 | 0.000000E+00 |
| 651 | 1.33333 | 5.62500 | 0.000000E+00 |
| 652 | 2.66667 | 5.62500 | 0.000000E+00 |
| 653 | 4.00000 | 5.62500 | 0.000000E+00 |
| 654 | 5.33333 | 5.62500 | 0.000000E+00 |
| 655 | 6.66667 | 5.62500 | 0.000000E+00 |
| 656 | 8.00000 | 5.62500 | 0.000000E+00 |
| 657 | 10.0000 | 5.62500 | 0.000000E+00 |
| 658 | 12.0000 | 5.62500 | 0.000000E+00 |
| 659 | 13.3333 | 5.62500 | 0.000000E+00 |
| 660 | 14.6667 | 5.62500 | 0.000000E+00 |
| 661 | 16.0000 | 5.62500 | 0.000000E+00 |
| 662 | 17.3333 | 5.62500 | 0.000000E+00 |
| 663 | 18.6667 | 5.62500 | 0.000000E+00 |
| 664 | 20.0000 | 5.62500 | 0.000000E+00 |
| 665 | 22.0000 | 5.62500 | 0.000000E+00 |
| 666 | 24.0000 | 5.62500 | 0.000000E+00 |
| 667 | 25.3333 | 5.62500 | 0.000000E+00 |
| 668 | 26.6667 | 5.62500 | 0.000000E+00 |
| 669 | 28.0000 | 5.62500 | 0.000000E+00 |
| 670 | 29.3333 | 5.62500 | 0.000000E+00 |
| 671 | 30.6667 | 5.62500 | 0.000000E+00 |
| 672 | 32.0000 | 5.62500 | 0.000000E+00 |
| 673 | 34.0000 | 5.62500 | 0.000000E+00 |
| 674 | 36.0000 | 5.62500 | 0.000000E+00 |
| 675 | 37.3333 | 5.62500 | 0.000000E+00 |
| 676 | 38.6667 | 5.62500 | 0.000000E+00 |
| 677 | 40.0000 | 5.62500 | 0.000000E+00 |
| 678 | 41.3333 | 5.62500 | 0.000000E+00 |
| 679 | 42.6667 | 5.62500 | 0.000000E+00 |
| 680 | 44.0000 | 5.62500 | 0.000000E+00 |
| 681 | 46.0000 | 5.62500 | 0.000000E+00 |
| 682 | 48.0000 | 5.62500 | 0.000000E+00 |
| 683 | 49.4167 | 5.62500 | 0.000000E+00 |
| 684 | 50.8333 | 5.62500 | 0.000000E+00 |
| 685 | 52.2500 | 5.62500 | 0.000000E+00 |
| 686 | 53.6667 | 5.62500 | 0.000000E+00 |
| 687 | 55.0833 | 5.62500 | 0.000000E+00 |
| 688 | 56.5000 | 5.62500 | 0.000000E+00 |
| 689 | 58.0000 | 5.62500 | 0.000000E+00 |
| 690 | 59.3750 | 5.62500 | 0.000000E+00 |
| 691 | 60.7500 | 5.62500 | 0.000000E+00 |
| 692 | 62.1667 | 5.62500 | 0.000000E+00 |
| 693 | 63.5833 | 5.62500 | 0.000000E+00 |
| 694 | 65.0000 | 5.62500 | 0.000000E+00 |
| 695 | 66.3333 | 5.62500 | 0.000000E+00 |
| 696 | 67.6667 | 5.62500 | 0.000000E+00 |
| 697 | 69.0000 | 5.62500 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 698 | 70.0000 | 5.62500 | 0.000000E+00 |
| 699 | 71.5000 | 5.62500 | 0.000000E+00 |
| 700 | 73.0000 | 5.62500 | 0.000000E+00 |
| 701 | 74.3333 | 5.62500 | 0.000000E+00 |
| 702 | 75.6667 | 5.62500 | 0.000000E+00 |
| 703 | 77.0000 | 5.62500 | 0.000000E+00 |
| 704 | 78.3333 | 5.62500 | 0.000000E+00 |
| 705 | 79.6667 | 5.62500 | 0.000000E+00 |
| 706 | 81.0000 | 5.62500 | 0.000000E+00 |
| 707 | 0.000000E+00 | 7.26250 | 0.000000E+00 |
| 708 | 1.33333 | 7.26250 | 0.000000E+00 |
| 709 | 2.66667 | 7.26250 | 0.000000E+00 |
| 710 | 4.00000 | 7.26250 | -0.971445E-16 |
| 711 | 5.33333 | 7.26250 | 0.000000E+00 |
| 712 | 6.66667 | 7.26250 | 0.000000E+00 |
| 713 | 8.00000 | 7.26250 | 0.000000E+00 |
| 714 | 10.0000 | 7.26250 | 0.000000E+00 |
| 715 | 12.0000 | 7.26250 | 0.000000E+00 |
| 716 | 13.3333 | 7.26250 | 0.000000E+00 |
| 717 | 14.6667 | 7.26250 | 0.000000E+00 |
| 718 | 16.0000 | 7.26250 | 0.000000E+00 |
| 719 | 17.3333 | 7.26250 | 0.000000E+00 |
| 720 | 18.6667 | 7.26250 | 0.000000E+00 |
| 721 | 20.0000 | 7.26250 | 0.000000E+00 |
| 722 | 22.0000 | 7.26250 | 0.000000E+00 |
| 723 | 24.0000 | 7.26250 | 0.000000E+00 |
| 724 | 25.3333 | 7.26250 | 0.000000E+00 |
| 725 | 26.6667 | 7.26250 | 0.000000E+00 |
| 726 | 28.0000 | 7.26250 | 0.000000E+00 |
| 727 | 29.3333 | 7.26250 | 0.000000E+00 |
| 728 | 30.6667 | 7.26250 | 0.000000E+00 |
| 729 | 32.0000 | 7.26250 | 0.000000E+00 |
| 730 | 34.0000 | 7.26250 | 0.000000E+00 |
| 731 | 36.0000 | 7.26250 | 0.000000E+00 |
| 732 | 37.3333 | 7.26250 | 0.000000E+00 |
| 733 | 38.6667 | 7.26250 | 0.000000E+00 |
| 734 | 40.0000 | 7.26250 | 0.000000E+00 |
| 735 | 41.3333 | 7.26250 | 0.000000E+00 |
| 736 | 42.6667 | 7.26250 | 0.000000E+00 |
| 737 | 44.0000 | 7.26250 | 0.000000E+00 |
| 738 | 46.0000 | 7.26250 | 0.000000E+00 |
| 739 | 48.0000 | 7.26250 | 0.000000E+00 |
| 740 | 49.4167 | 7.26250 | 0.000000E+00 |
| 741 | 50.8333 | 7.26250 | 0.000000E+00 |
| 742 | 52.2500 | 7.26250 | 0.000000E+00 |
| 743 | 53.6667 | 7.26250 | 0.000000E+00 |
| 744 | 55.0833 | 7.26250 | 0.000000E+00 |
| 745 | 56.5000 | 7.26250 | 0.288658E-14 |
| 746 | 58.0000 | 7.26250 | 0.000000E+00 |
| 747 | 59.3750 | 7.26250 | 0.000000E+00 |
| 748 | 60.7500 | 7.26250 | 0.000000E+00 |
| 749 | 62.1667 | 7.26250 | 0.000000E+00 |
| 750 | 63.5833 | 7.26250 | 0.000000E+00 |
| 751 | 65.0000 | 7.26250 | 0.000000E+00 |
| 752 | 66.3333 | 7.26250 | 0.000000E+00 |
| 753 | 67.6667 | 7.26250 | 0.000000E+00 |
| 754 | 69.0000 | 7.26250 | 0.399680E-14 |
| 755 | 70.0000 | 7.26250 | 0.000000E+00 |
| 756 | 71.5000 | 7.26250 | 0.000000E+00 |
| 757 | 73.0000 | 7.26250 | 0.000000E+00 |
| 758 | 74.3333 | 7.26250 | 0.000000E+00 |
| 759 | 75.6667 | 7.26250 | 0.000000E+00 |
| 760 | 77.0000 | 7.26250 | 0.000000E+00 |
| 761 | 78.3333 | 7.26250 | 0.000000E+00 |
| 762 | 79.6667 | 7.26250 | 0.000000E+00 |
| 763 | 81.0000 | 7.26250 | 0.000000E+00 |
| 764 | 0.000000E+00 | 8.90000 | 0.000000E+00 |
| 765 | 1.33333 | 8.90000 | 0.000000E+00 |
| 766 | 2.66667 | 8.90000 | 0.000000E+00 |
| 767 | 4.00000 | 8.90000 | 0.000000E+00 |
| 768 | 5.33333 | 8.90000 | 0.000000E+00 |
| 769 | 6.66667 | 8.90000 | 0.000000E+00 |
| 770 | 8.00000 | 8.90000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 771 | 10.0000 | 8.90000 | 0.000000E+00 |
| 772 | 12.0000 | 8.90000 | 0.000000E+00 |
| 773 | 13.3333 | 8.90000 | 0.000000E+00 |
| 774 | 14.6667 | 8.90000 | 0.000000E+00 |
| 775 | 16.0000 | 8.90000 | 0.000000E+00 |
| 776 | 17.3333 | 8.90000 | 0.000000E+00 |
| 777 | 18.6667 | 8.90000 | 0.000000E+00 |
| 778 | 20.0000 | 8.90000 | 0.000000E+00 |
| 779 | 22.0000 | 8.90000 | 0.000000E+00 |
| 780 | 24.0000 | 8.90000 | 0.000000E+00 |
| 781 | 25.3333 | 8.90000 | 0.000000E+00 |
| 782 | 26.6667 | 8.90000 | 0.000000E+00 |
| 783 | 28.0000 | 8.90000 | 0.000000E+00 |
| 784 | 29.3333 | 8.90000 | 0.000000E+00 |
| 785 | 30.6667 | 8.90000 | 0.000000E+00 |
| 786 | 32.0000 | 8.90000 | 0.000000E+00 |
| 787 | 34.0000 | 8.90000 | 0.000000E+00 |
| 788 | 36.0000 | 8.90000 | 0.000000E+00 |
| 789 | 37.3333 | 8.90000 | 0.000000E+00 |
| 790 | 38.6667 | 8.90000 | 0.000000E+00 |
| 791 | 40.0000 | 8.90000 | 0.000000E+00 |
| 792 | 41.3333 | 8.90000 | 0.000000E+00 |
| 793 | 42.6667 | 8.90000 | 0.000000E+00 |
| 794 | 44.0000 | 8.90000 | 0.000000E+00 |
| 795 | 46.0000 | 8.90000 | 0.000000E+00 |
| 796 | 48.0000 | 8.90000 | 0.000000E+00 |
| 797 | 49.4167 | 8.90000 | 0.000000E+00 |
| 798 | 50.8333 | 8.90000 | 0.000000E+00 |
| 799 | 52.2500 | 8.90000 | 0.000000E+00 |
| 800 | 53.6667 | 8.90000 | 0.000000E+00 |
| 801 | 55.0833 | 8.90000 | 0.000000E+00 |
| 802 | 56.5000 | 8.90000 | 0.000000E+00 |
| 803 | 58.0000 | 8.90000 | 0.000000E+00 |
| 804 | 59.3750 | 8.90000 | 0.000000E+00 |
| 805 | 60.7500 | 8.90000 | 0.000000E+00 |
| 806 | 62.1667 | 8.90000 | 0.000000E+00 |
| 807 | 63.5833 | 8.90000 | 0.000000E+00 |
| 808 | 65.0000 | 8.90000 | 0.000000E+00 |
| 809 | 66.3333 | 8.90000 | 0.000000E+00 |
| 810 | 67.6667 | 8.90000 | 0.000000E+00 |
| 811 | 69.0000 | 8.90000 | 0.000000E+00 |
| 812 | 70.0000 | 8.90000 | 0.000000E+00 |
| 813 | 71.5000 | 8.90000 | 0.000000E+00 |
| 814 | 73.0000 | 8.90000 | 0.000000E+00 |
| 815 | 74.3333 | 8.90000 | 0.000000E+00 |
| 816 | 75.6667 | 8.90000 | 0.000000E+00 |
| 817 | 77.0000 | 8.90000 | 0.000000E+00 |
| 818 | 78.3333 | 8.90000 | 0.000000E+00 |
| 819 | 79.6667 | 8.90000 | 0.000000E+00 |
| 820 | 81.0000 | 8.90000 | 0.000000E+00 |
| 821 | 0.000000E+00 | 10.5000 | 0.000000E+00 |
| 822 | 1.33333 | 10.5000 | 0.000000E+00 |
| 823 | 2.66667 | 10.5000 | 0.000000E+00 |
| 824 | 4.00000 | 10.5000 | 0.000000E+00 |
| 825 | 5.33333 | 10.5000 | 0.000000E+00 |
| 826 | 6.66667 | 10.5000 | 0.000000E+00 |
| 827 | 8.00000 | 10.5000 | 0.000000E+00 |
| 828 | 10.0000 | 10.5000 | 0.000000E+00 |
| 829 | 12.0000 | 10.5000 | 0.000000E+00 |
| 830 | 13.3333 | 10.5000 | 0.000000E+00 |
| 831 | 14.6667 | 10.5000 | 0.000000E+00 |
| 832 | 16.0000 | 10.5000 | 0.000000E+00 |
| 833 | 17.3333 | 10.5000 | 0.000000E+00 |
| 834 | 18.6667 | 10.5000 | 0.000000E+00 |
| 835 | 20.0000 | 10.5000 | 0.000000E+00 |
| 836 | 22.0000 | 10.5000 | 0.000000E+00 |
| 837 | 24.0000 | 10.5000 | 0.000000E+00 |
| 838 | 25.3333 | 10.5000 | 0.000000E+00 |
| 839 | 26.6667 | 10.5000 | 0.000000E+00 |
| 840 | 28.0000 | 10.5000 | 0.000000E+00 |
| 841 | 29.3333 | 10.5000 | 0.000000E+00 |
| 842 | 30.6667 | 10.5000 | 0.000000E+00 |
| 843 | 32.0000 | 10.5000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 844 | 34.0000 | 10.5000 | 0.000000E+00 |
| 845 | 36.0000 | 10.5000 | 0.000000E+00 |
| 846 | 37.3333 | 10.5000 | 0.000000E+00 |
| 847 | 38.6667 | 10.5000 | 0.000000E+00 |
| 848 | 40.0000 | 10.5000 | 0.000000E+00 |
| 849 | 41.3333 | 10.5000 | 0.000000E+00 |
| 850 | 42.6667 | 10.5000 | 0.000000E+00 |
| 851 | 44.0000 | 10.5000 | 0.000000E+00 |
| 852 | 46.0000 | 10.5000 | 0.000000E+00 |
| 853 | 48.0000 | 10.5000 | 0.000000E+00 |
| 854 | 49.4167 | 10.5000 | 0.000000E+00 |
| 855 | 50.8333 | 10.5000 | 0.000000E+00 |
| 856 | 52.2500 | 10.5000 | 0.000000E+00 |
| 857 | 53.6667 | 10.5000 | 0.000000E+00 |
| 858 | 55.0833 | 10.5000 | 0.000000E+00 |
| 859 | 56.5000 | 10.5000 | 0.000000E+00 |
| 860 | 58.0000 | 10.5000 | 0.000000E+00 |
| 861 | 59.3750 | 10.5000 | 0.000000E+00 |
| 862 | 60.7500 | 10.5000 | 0.000000E+00 |
| 863 | 62.1667 | 10.5000 | 0.000000E+00 |
| 864 | 63.5833 | 10.5000 | 0.000000E+00 |
| 865 | 65.0000 | 10.5000 | 0.000000E+00 |
| 866 | 66.3333 | 10.5000 | 0.000000E+00 |
| 867 | 67.6667 | 10.5000 | 0.000000E+00 |
| 868 | 69.0000 | 10.5000 | 0.000000E+00 |
| 869 | 70.0000 | 10.5000 | 0.000000E+00 |
| 870 | 71.5000 | 10.5000 | 0.000000E+00 |
| 871 | 73.0000 | 10.5000 | 0.000000E+00 |
| 872 | 74.3333 | 10.5000 | 0.000000E+00 |
| 873 | 75.6667 | 10.5000 | 0.000000E+00 |
| 874 | 77.0000 | 10.5000 | 0.000000E+00 |
| 875 | 78.3333 | 10.5000 | 0.000000E+00 |
| 876 | 79.6667 | 10.5000 | 0.000000E+00 |
| 877 | 81.0000 | 10.5000 | 0.000000E+00 |
| 878 | 0.000000E+00 | 11.2500 | 0.000000E+00 |
| 879 | 1.33333 | 11.2500 | 0.000000E+00 |
| 880 | 2.66667 | 11.2500 | 0.000000E+00 |
| 881 | 4.00000 | 11.2500 | 0.000000E+00 |
| 882 | 5.33333 | 11.2500 | 0.000000E+00 |
| 883 | 6.66667 | 11.2500 | 0.000000E+00 |
| 884 | 8.00000 | 11.2500 | 0.000000E+00 |
| 885 | 10.0000 | 11.2500 | 0.000000E+00 |
| 886 | 12.0000 | 11.2500 | 0.000000E+00 |
| 887 | 13.3333 | 11.2500 | 0.000000E+00 |
| 888 | 14.6667 | 11.2500 | 0.000000E+00 |
| 889 | 16.0000 | 11.2500 | 0.000000E+00 |
| 890 | 17.3333 | 11.2500 | 0.000000E+00 |
| 891 | 18.6667 | 11.2500 | 0.000000E+00 |
| 892 | 20.0000 | 11.2500 | 0.000000E+00 |
| 893 | 22.0000 | 11.2500 | 0.000000E+00 |
| 894 | 24.0000 | 11.2500 | 0.000000E+00 |
| 895 | 25.3333 | 11.2500 | 0.000000E+00 |
| 896 | 26.6667 | 11.2500 | 0.000000E+00 |
| 897 | 28.0000 | 11.2500 | 0.000000E+00 |
| 898 | 29.3333 | 11.2500 | 0.000000E+00 |
| 899 | 30.6667 | 11.2500 | 0.000000E+00 |
| 900 | 32.0000 | 11.2500 | 0.000000E+00 |
| 901 | 34.0000 | 11.2500 | 0.000000E+00 |
| 902 | 36.0000 | 11.2500 | 0.000000E+00 |
| 903 | 37.3333 | 11.2500 | 0.000000E+00 |
| 904 | 38.6667 | 11.2500 | 0.000000E+00 |
| 905 | 40.0000 | 11.2500 | 0.000000E+00 |
| 906 | 41.3333 | 11.2500 | 0.000000E+00 |
| 907 | 42.6667 | 11.2500 | 0.000000E+00 |
| 908 | 44.0000 | 11.2500 | 0.000000E+00 |
| 909 | 46.0000 | 11.2500 | 0.000000E+00 |
| 910 | 48.0000 | 11.2500 | 0.000000E+00 |
| 911 | 49.4167 | 11.2500 | 0.000000E+00 |
| 912 | 50.8333 | 11.2500 | 0.000000E+00 |
| 913 | 52.2500 | 11.2500 | 0.000000E+00 |
| 914 | 53.6667 | 11.2500 | 0.000000E+00 |
| 915 | 55.0833 | 11.2500 | 0.000000E+00 |
| 916 | 56.5000 | 11.2500 | 0.000000E+00 |

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|---|---|---|---|
| 917 | 58.0000 | 11.2500 | 0.000000E+00 |
| 918 | 59.3750 | 11.2500 | 0.000000E+00 |
| 919 | 60.7500 | 11.2500 | 0.000000E+00 |
| 920 | 62.1667 | 11.2500 | 0.000000E+00 |
| 921 | 63.5833 | 11.2500 | 0.000000E+00 |
| 922 | 65.0000 | 11.2500 | 0.000000E+00 |
| 923 | 66.3333 | 11.2500 | 0.000000E+00 |
| 924 | 67.6667 | 11.2500 | 0.000000E+00 |
| 925 | 69.0000 | 11.2500 | 0.000000E+00 |
| 926 | 70.0000 | 11.2500 | 0.000000E+00 |
| 927 | 71.5000 | 11.2500 | 0.000000E+00 |
| 928 | 73.0000 | 11.2500 | 0.000000E+00 |
| 929 | 74.3333 | 11.2500 | 0.000000E+00 |
| 930 | 75.6667 | 11.2500 | 0.000000E+00 |
| 931 | 77.0000 | 11.2500 | 0.000000E+00 |
| 932 | 78.3333 | 11.2500 | 0.000000E+00 |
| 933 | 79.6667 | 11.2500 | 0.000000E+00 |
| 934 | 81.0000 | 11.2500 | 0.000000E+00 |
| 935 | 8.00000 | 3.35000 | 0.000000E+00 |
| 936 | 22.0000 | 3.35000 | 0.000000E+00 |
| 937 | 32.0000 | 3.35000 | 0.000000E+00 |
| 938 | 46.0000 | 3.35000 | 0.000000E+00 |
| 939 | 70.0000 | 3.35000 | 0.000000E+00 |
| 940 | 71.5000 | 3.35000 | 0.000000E+00 |
| 941 | 8.00000 | 9.90000 | 0.000000E+00 |
| 942 | 22.0000 | 9.90000 | 0.000000E+00 |
| 943 | 32.0000 | 9.90000 | 0.000000E+00 |
| 944 | 46.0000 | 9.90000 | 0.000000E+00 |
| 945 | 70.0000 | 9.90000 | 0.000000E+00 |
| 946 | 71.5000 | 9.90000 | 0.000000E+00 |
| 947 | 56.5000 | 3.35000 | 0.000000E+00 |
| 948 | 56.5000 | 9.90000 | 0.000000E+00 |
| 949 | 0.000000E+00 | 3.35000 | 0.000000E+00 |
| 950 | 1.33333 | 3.35000 | 0.000000E+00 |
| 951 | 2.66667 | 3.35000 | 0.000000E+00 |
| 952 | 4.00000 | 3.35000 | 0.000000E+00 |
| 953 | 5.33333 | 3.35000 | 0.000000E+00 |
| 954 | 6.66667 | 3.35000 | 0.000000E+00 |
| 955 | 0.000000E+00 | 9.90000 | 0.000000E+00 |
| 956 | 1.33333 | 9.90000 | 0.000000E+00 |
| 957 | 2.66667 | 9.90000 | 0.000000E+00 |
| 958 | 4.00000 | 9.90000 | 0.000000E+00 |
| 959 | 5.33333 | 9.90000 | 0.000000E+00 |
| 960 | 6.66667 | 9.90000 | 0.000000E+00 |
| 961 | 10.0000 | 3.35000 | 0.000000E+00 |
| 962 | 12.0000 | 3.35000 | 0.000000E+00 |
| 963 | 13.3333 | 3.35000 | 0.000000E+00 |
| 964 | 14.6667 | 3.35000 | 0.000000E+00 |
| 965 | 10.0000 | 9.90000 | 0.000000E+00 |
| 966 | 12.0000 | 9.90000 | 0.000000E+00 |
| 967 | 13.3333 | 9.90000 | 0.000000E+00 |
| 968 | 14.6667 | 9.90000 | 0.000000E+00 |
| 969 | 16.0000 | 3.35000 | 0.000000E+00 |
| 970 | 17.3333 | 3.35000 | 0.000000E+00 |
| 971 | 18.6667 | 3.35000 | 0.000000E+00 |
| 972 | 20.0000 | 3.35000 | 0.000000E+00 |
| 973 | 16.0000 | 9.90000 | 0.000000E+00 |
| 974 | 17.3333 | 9.90000 | 0.000000E+00 |
| 975 | 18.6667 | 9.90000 | 0.000000E+00 |
| 976 | 20.0000 | 9.90000 | 0.000000E+00 |
| 977 | 24.0000 | 3.35000 | 0.000000E+00 |
| 978 | 25.3333 | 3.35000 | 0.000000E+00 |
| 979 | 26.6667 | 3.35000 | 0.000000E+00 |
| 980 | 28.0000 | 3.35000 | 0.000000E+00 |
| 981 | 29.3333 | 3.35000 | 0.000000E+00 |
| 982 | 30.6667 | 3.35000 | 0.000000E+00 |
| 983 | 24.0000 | 9.90000 | 0.000000E+00 |
| 984 | 25.3333 | 9.90000 | 0.000000E+00 |
| 985 | 26.6667 | 9.90000 | 0.000000E+00 |
| 986 | 28.0000 | 9.90000 | 0.000000E+00 |
| 987 | 29.3333 | 9.90000 | 0.000000E+00 |
| 988 | 30.6667 | 9.90000 | 0.000000E+00 |
| 989 | 34.0000 | 3.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 990 | 36.0000 | 3.35000 | 0.000000E+00 |
| 991 | 37.3333 | 3.35000 | 0.000000E+00 |
| 992 | 38.6667 | 3.35000 | 0.000000E+00 |
| 993 | 34.0000 | 9.90000 | 0.000000E+00 |
| 994 | 36.0000 | 9.90000 | 0.000000E+00 |
| 995 | 37.3333 | 9.90000 | 0.000000E+00 |
| 996 | 38.6667 | 9.90000 | 0.000000E+00 |
| 997 | 40.0000 | 3.35000 | 0.000000E+00 |
| 998 | 41.3333 | 3.35000 | 0.000000E+00 |
| 999 | 42.6667 | 3.35000 | 0.000000E+00 |
| 1000 | 44.0000 | 3.35000 | 0.000000E+00 |
| 1001 | 40.0000 | 9.90000 | 0.000000E+00 |
| 1002 | 41.3333 | 9.90000 | 0.000000E+00 |
| 1003 | 42.6667 | 9.90000 | 0.000000E+00 |
| 1004 | 44.0000 | 9.90000 | 0.000000E+00 |
| 1005 | 48.0000 | 3.35000 | 0.000000E+00 |
| 1006 | 49.4167 | 3.35000 | 0.000000E+00 |
| 1007 | 50.8333 | 3.35000 | 0.000000E+00 |
| 1008 | 52.2500 | 3.35000 | 0.000000E+00 |
| 1009 | 53.6667 | 3.35000 | 0.000000E+00 |
| 1010 | 55.0833 | 3.35000 | 0.000000E+00 |
| 1011 | 48.0000 | 9.90000 | 0.000000E+00 |
| 1012 | 49.4167 | 9.90000 | 0.000000E+00 |
| 1013 | 50.8333 | 9.90000 | 0.000000E+00 |
| 1014 | 52.2500 | 9.90000 | 0.000000E+00 |
| 1015 | 53.6667 | 9.90000 | 0.000000E+00 |
| 1016 | 55.0833 | 9.90000 | 0.000000E+00 |
| 1017 | 58.0000 | 3.35000 | 0.000000E+00 |
| 1018 | 59.3750 | 3.35000 | 0.000000E+00 |
| 1019 | 60.7500 | 3.35000 | 0.000000E+00 |
| 1020 | 62.1667 | 3.35000 | 0.000000E+00 |
| 1021 | 63.5833 | 3.35000 | 0.000000E+00 |
| 1022 | 58.0000 | 9.90000 | 0.000000E+00 |
| 1023 | 59.3750 | 9.90000 | 0.000000E+00 |
| 1024 | 60.7500 | 9.90000 | 0.000000E+00 |
| 1025 | 62.1667 | 9.90000 | 0.000000E+00 |
| 1026 | 63.5833 | 9.90000 | 0.000000E+00 |
| 1027 | 65.0000 | 3.35000 | 0.000000E+00 |
| 1028 | 66.3333 | 3.35000 | 0.000000E+00 |
| 1029 | 67.6667 | 3.35000 | 0.000000E+00 |
| 1030 | 69.0000 | 3.35000 | 0.000000E+00 |
| 1031 | 65.0000 | 9.90000 | 0.000000E+00 |
| 1032 | 66.3333 | 9.90000 | 0.000000E+00 |
| 1033 | 67.6667 | 9.90000 | 0.000000E+00 |
| 1034 | 69.0000 | 9.90000 | 0.000000E+00 |
| 1035 | 73.0000 | 3.35000 | 0.000000E+00 |
| 1036 | 74.3333 | 3.35000 | 0.000000E+00 |
| 1037 | 75.6667 | 3.35000 | 0.000000E+00 |
| 1038 | 77.0000 | 3.35000 | 0.000000E+00 |
| 1039 | 78.3333 | 3.35000 | 0.000000E+00 |
| 1040 | 79.6667 | 3.35000 | 0.000000E+00 |
| 1041 | 73.0000 | 9.90000 | 0.000000E+00 |
| 1042 | 74.3333 | 9.90000 | 0.000000E+00 |
| 1043 | 75.6667 | 9.90000 | 0.000000E+00 |
| 1044 | 77.0000 | 9.90000 | 0.000000E+00 |
| 1045 | 78.3333 | 9.90000 | 0.000000E+00 |
| 1046 | 79.6667 | 9.90000 | 0.000000E+00 |
| 1047 | -1.00000 | 2.35000 | -1.10000 |
| 1048 | -1.00000 | 3.98750 | -1.10000 |
| 1049 | -1.00000 | 5.62500 | -1.10000 |
| 1050 | -1.00000 | 7.26250 | -1.10000 |
| 1051 | 7.00000 | 2.35000 | -1.10000 |
| 1052 | 7.00000 | 3.98750 | -1.10000 |
| 1053 | 7.00000 | 5.62500 | -1.10000 |
| 1054 | 7.00000 | 7.26250 | -1.10000 |
| 1055 | 15.0000 | 2.35000 | -1.10000 |
| 1056 | 15.0000 | 3.98750 | -1.10000 |
| 1057 | 15.0000 | 5.62500 | -1.10000 |
| 1058 | 15.0000 | 7.26250 | -1.10000 |
| 1059 | 23.0000 | 2.35000 | -1.10000 |
| 1060 | 23.0000 | 3.98750 | -1.10000 |
| 1061 | 23.0000 | 5.62500 | -1.10000 |
| 1062 | 23.0000 | 7.26250 | -1.10000 |

| | | | |
|---|---|---|---|
| 1063 | 31.0000 | 2.35000 | -1.10000 |
| 1064 | 31.0000 | 3.98750 | -1.10000 |
| 1065 | 31.0000 | 5.62500 | -1.10000 |
| 1066 | 31.0000 | 7.26250 | -1.10000 |
| 1067 | 39.0000 | 2.35000 | -1.10000 |
| 1068 | 39.0000 | 3.98750 | -1.10000 |
| 1069 | 39.0000 | 5.62500 | -1.10000 |
| 1070 | 39.0000 | 7.26250 | -1.10000 |
| 1071 | 47.0000 | 2.35000 | -1.10000 |
| 1072 | 47.0000 | 3.98750 | -1.10000 |
| 1073 | 47.0000 | 5.62500 | -1.10000 |
| 1074 | 47.0000 | 7.26250 | -1.10000 |
| 1075 | 55.5000 | 2.35000 | -1.10000 |
| 1076 | 55.5000 | 3.98750 | -1.10000 |
| 1077 | 55.5000 | 5.62500 | -1.10000 |
| 1078 | 55.5000 | 7.26250 | -1.10000 |
| 1079 | 64.0000 | 2.35000 | -1.10000 |
| 1080 | 64.0000 | 3.98750 | -1.10000 |
| 1081 | 64.0000 | 5.62500 | -1.10000 |
| 1082 | 64.0000 | 7.26250 | -1.10000 |
| 1083 | 72.0000 | 2.35000 | -1.10000 |
| 1084 | 72.0000 | 3.98750 | -1.10000 |
| 1085 | 72.0000 | 5.62500 | -1.10000 |
| 1086 | 72.0000 | 7.26250 | -1.10000 |
| 1087 | 80.0000 | 2.35000 | -1.10000 |
| 1088 | 80.0000 | 3.98750 | -1.10000 |
| 1089 | 80.0000 | 5.62500 | -1.10000 |
| 1090 | 80.0000 | 7.26250 | -1.10000 |
| 1091 | 41.0917 | 8.90000 | -2.80000 |
| 1092 | 41.0917 | 5.62500 | -2.80000 |
| 1093 | 40.0000 | 4.62500 | -6.80000 |
| 1094 | 40.0000 | 4.62500 | -5.46667 |
| 1095 | 40.0000 | 4.62500 | -4.13333 |
| 1096 | 40.0000 | 4.62500 | -8.60000 |
| 1097 | 40.0000 | 9.90000 | -2.30000 |
| 1098 | 40.0000 | 3.35000 | -2.30000 |
| 1099 | 79.9083 | 5.62500 | -2.80000 |
| 1100 | 81.0000 | 7.90000 | -2.80000 |
| 1101 | 81.0000 | 3.35000 | -2.30000 |
| 1102 | 79.9083 | 2.35000 | -2.80000 |
| 1103 | -1.09167 | 5.62500 | -2.80000 |
| 1104 | 0.000000E+00 | 7.90000 | -2.80000 |
| 1105 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1106 | -1.09167 | 2.35000 | -2.80000 |
| 1107 | 1.00000 | 8.90000 | -1.75000 |
| 1108 | 1.00000 | 8.90000 | -1.42500 |
| 1109 | 1.00000 | 8.90000 | -2.30000 |
| 1110 | 1.00000 | 8.90000 | -2.02500 |
| 1111 | 9.00000 | 8.90000 | -1.49500 |
| 1112 | 9.00000 | 8.90000 | -1.29750 |
| 1113 | 9.00000 | 8.90000 | -2.30000 |
| 1114 | 9.00000 | 8.90000 | -1.89750 |
| 1115 | 17.0000 | 8.90000 | -1.49500 |
| 1116 | 17.0000 | 8.90000 | -1.29750 |
| 1117 | 17.0000 | 8.90000 | -2.30000 |
| 1118 | 17.0000 | 8.90000 | -1.89750 |
| 1119 | 25.0000 | 8.90000 | -1.49500 |
| 1120 | 25.0000 | 8.90000 | -1.29750 |
| 1121 | 25.0000 | 8.90000 | -2.30000 |
| 1122 | 25.0000 | 8.90000 | -1.89750 |
| 1123 | 33.0000 | 8.90000 | -1.49500 |
| 1124 | 33.0000 | 8.90000 | -1.29750 |
| 1125 | 33.0000 | 8.90000 | -2.30000 |
| 1126 | 33.0000 | 8.90000 | -1.89750 |
| 1127 | 41.0000 | 8.90000 | -1.75000 |
| 1128 | 41.0000 | 8.90000 | -1.42500 |
| 1129 | 41.0000 | 8.90000 | -2.30000 |
| 1130 | 41.0000 | 8.90000 | -2.02500 |
| 1131 | 49.0000 | 8.90000 | -1.49500 |
| 1132 | 49.0000 | 8.90000 | -1.29750 |
| 1133 | 49.0000 | 8.90000 | -2.30000 |
| 1134 | 49.0000 | 8.90000 | -1.89750 |
| 1135 | 57.5000 | 8.90000 | -1.49500 |

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|---|---|---|---|
| 1136 | 57.5000 | 8.90000 | -1.29750 |
| 1137 | 57.5000 | 8.90000 | -2.30000 |
| 1138 | 57.5000 | 8.90000 | -1.89750 |
| 1139 | 66.0000 | 8.90000 | -1.49500 |
| 1140 | 66.0000 | 8.90000 | -1.29750 |
| 1141 | 66.0000 | 8.90000 | -2.30000 |
| 1142 | 66.0000 | 8.90000 | -1.89750 |
| 1143 | 74.0000 | 8.90000 | -1.49500 |
| 1144 | 74.0000 | 8.90000 | -1.29750 |
| 1145 | 74.0000 | 8.90000 | -2.30000 |
| 1146 | 74.0000 | 8.90000 | -1.89750 |
| 1147 | 82.0000 | 8.90000 | -1.75000 |
| 1148 | 82.0000 | 8.90000 | -1.42500 |
| 1149 | 82.0000 | 8.90000 | -2.30000 |
| 1150 | 82.0000 | 8.90000 | -2.02500 |
| 1151 | -1.00000 | 2.35000 | -1.75000 |
| 1152 | -1.00000 | 2.35000 | -1.42500 |
| 1153 | -1.00000 | 2.35000 | -2.30000 |
| 1154 | -1.00000 | 2.35000 | -2.02500 |
| 1155 | 7.00000 | 2.35000 | -1.49500 |
| 1156 | 7.00000 | 2.35000 | -1.29750 |
| 1157 | 7.00000 | 2.35000 | -2.30000 |
| 1158 | 7.00000 | 2.35000 | -1.89750 |
| 1159 | 15.0000 | 2.35000 | -1.49500 |
| 1160 | 15.0000 | 2.35000 | -1.29750 |
| 1161 | 15.0000 | 2.35000 | -2.30000 |
| 1162 | 15.0000 | 2.35000 | -1.89750 |
| 1163 | 23.0000 | 2.35000 | -1.49500 |
| 1164 | 23.0000 | 2.35000 | -1.29750 |
| 1165 | 23.0000 | 2.35000 | -2.30000 |
| 1166 | 23.0000 | 2.35000 | -1.89750 |
| 1167 | 31.0000 | 2.35000 | -1.49500 |
| 1168 | 31.0000 | 2.35000 | -1.29750 |
| 1169 | 31.0000 | 2.35000 | -2.30000 |
| 1170 | 31.0000 | 2.35000 | -1.89750 |
| 1171 | 39.0000 | 2.35000 | -1.75000 |
| 1172 | 39.0000 | 2.35000 | -1.42500 |
| 1173 | 39.0000 | 2.35000 | -2.30000 |
| 1174 | 39.0000 | 2.35000 | -2.02500 |
| 1175 | 47.0000 | 2.35000 | -1.49500 |
| 1176 | 47.0000 | 2.35000 | -1.29750 |
| 1177 | 47.0000 | 2.35000 | -2.30000 |
| 1178 | 47.0000 | 2.35000 | -1.89750 |
| 1179 | 55.5000 | 2.35000 | -1.49500 |
| 1180 | 55.5000 | 2.35000 | -1.29750 |
| 1181 | 55.5000 | 2.35000 | -2.30000 |
| 1182 | 55.5000 | 2.35000 | -1.89750 |
| 1183 | 64.0000 | 2.35000 | -1.49500 |
| 1184 | 64.0000 | 2.35000 | -1.29750 |
| 1185 | 64.0000 | 2.35000 | -2.30000 |
| 1186 | 64.0000 | 2.35000 | -1.89750 |
| 1187 | 72.0000 | 2.35000 | -1.49500 |
| 1188 | 72.0000 | 2.35000 | -1.29750 |
| 1189 | 72.0000 | 2.35000 | -2.30000 |
| 1190 | 72.0000 | 2.35000 | -1.89750 |
| 1191 | 80.0000 | 2.35000 | -1.75000 |
| 1192 | 80.0000 | 2.35000 | -1.42500 |
| 1193 | 80.0000 | 2.35000 | -2.30000 |
| 1194 | 80.0000 | 2.35000 | -2.02500 |
| 1195 | 1.00000 | 8.90000 | -0.450000 |
| 1196 | 1.00000 | 8.90000 | -0.225000 |
| 1197 | 1.00000 | 8.90000 | -1.10000 |
| 1198 | 1.00000 | 8.90000 | -0.775000 |
| 1199 | 9.00000 | 8.90000 | -0.705000 |
| 1200 | 9.00000 | 8.90000 | -0.352500 |
| 1201 | 9.00000 | 8.90000 | -1.10000 |
| 1202 | 9.00000 | 8.90000 | -0.902500 |
| 1203 | 17.0000 | 8.90000 | -0.705000 |
| 1204 | 17.0000 | 8.90000 | -0.352500 |
| 1205 | 17.0000 | 8.90000 | -1.10000 |
| 1206 | 17.0000 | 8.90000 | -0.902500 |
| 1207 | 25.0000 | 8.90000 | -0.705000 |
| 1208 | 25.0000 | 8.90000 | -0.352500 |

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|---|---|---|---|
| 1209 | 25.0000 | 8.90000 | -1.10000 |
| 1210 | 25.0000 | 8.90000 | -0.902500 |
| 1211 | 33.0000 | 8.90000 | -0.705000 |
| 1212 | 33.0000 | 8.90000 | -0.352500 |
| 1213 | 33.0000 | 8.90000 | -1.10000 |
| 1214 | 33.0000 | 8.90000 | -0.902500 |
| 1215 | 41.0000 | 8.90000 | -0.450000 |
| 1216 | 41.0000 | 8.90000 | -0.225000 |
| 1217 | 41.0000 | 8.90000 | -1.10000 |
| 1218 | 41.0000 | 8.90000 | -0.775000 |
| 1219 | 49.0000 | 8.90000 | -0.705000 |
| 1220 | 49.0000 | 8.90000 | -0.352500 |
| 1221 | 49.0000 | 8.90000 | -1.10000 |
| 1222 | 49.0000 | 8.90000 | -0.902500 |
| 1223 | 57.5000 | 8.90000 | -0.705000 |
| 1224 | 57.5000 | 8.90000 | -0.352500 |
| 1225 | 57.5000 | 8.90000 | -1.10000 |
| 1226 | 57.5000 | 8.90000 | -0.902500 |
| 1227 | 66.0000 | 8.90000 | -0.705000 |
| 1228 | 66.0000 | 8.90000 | -0.352500 |
| 1229 | 66.0000 | 8.90000 | -1.10000 |
| 1230 | 66.0000 | 8.90000 | -0.902500 |
| 1231 | 74.0000 | 8.90000 | -0.705000 |
| 1232 | 74.0000 | 8.90000 | -0.352500 |
| 1233 | 74.0000 | 8.90000 | -1.10000 |
| 1234 | 74.0000 | 8.90000 | -0.902500 |
| 1235 | 82.0000 | 8.90000 | -0.450000 |
| 1236 | 82.0000 | 8.90000 | -0.225000 |
| 1237 | 82.0000 | 8.90000 | -1.10000 |
| 1238 | 82.0000 | 8.90000 | -0.775000 |
| 1239 | -1.00000 | 2.35000 | -0.450000 |
| 1240 | -1.00000 | 2.35000 | -0.225000 |
| 1241 | -1.00000 | 2.35000 | -1.10000 |
| 1242 | -1.00000 | 2.35000 | -0.775000 |
| 1243 | 7.00000 | 2.35000 | -0.705000 |
| 1244 | 7.00000 | 2.35000 | -0.352500 |
| 1245 | 7.00000 | 2.35000 | -1.10000 |
| 1246 | 7.00000 | 2.35000 | -0.902500 |
| 1247 | 15.0000 | 2.35000 | -0.705000 |
| 1248 | 15.0000 | 2.35000 | -0.352500 |
| 1249 | 15.0000 | 2.35000 | -1.10000 |
| 1250 | 15.0000 | 2.35000 | -0.902500 |
| 1251 | 23.0000 | 2.35000 | -0.705000 |
| 1252 | 23.0000 | 2.35000 | -0.352500 |
| 1253 | 23.0000 | 2.35000 | -1.10000 |
| 1254 | 23.0000 | 2.35000 | -0.902500 |
| 1255 | 31.0000 | 2.35000 | -0.705000 |
| 1256 | 31.0000 | 2.35000 | -0.352500 |
| 1257 | 31.0000 | 2.35000 | -1.10000 |
| 1258 | 31.0000 | 2.35000 | -0.902500 |
| 1259 | 39.0000 | 2.35000 | -0.450000 |
| 1260 | 39.0000 | 2.35000 | -0.225000 |
| 1261 | 39.0000 | 2.35000 | -1.10000 |
| 1262 | 39.0000 | 2.35000 | -0.775000 |
| 1263 | 47.0000 | 2.35000 | -0.705000 |
| 1264 | 47.0000 | 2.35000 | -0.352500 |
| 1265 | 47.0000 | 2.35000 | -1.10000 |
| 1266 | 47.0000 | 2.35000 | -0.902500 |
| 1267 | 55.5000 | 2.35000 | -0.705000 |
| 1268 | 55.5000 | 2.35000 | -0.352500 |
| 1269 | 55.5000 | 2.35000 | -1.10000 |
| 1270 | 55.5000 | 2.35000 | -0.902500 |
| 1271 | 64.0000 | 2.35000 | -0.705000 |
| 1272 | 64.0000 | 2.35000 | -0.352500 |
| 1273 | 64.0000 | 2.35000 | -1.10000 |
| 1274 | 64.0000 | 2.35000 | -0.902500 |
| 1275 | 72.0000 | 2.35000 | -0.705000 |
| 1276 | 72.0000 | 2.35000 | -0.352500 |
| 1277 | 72.0000 | 2.35000 | -1.10000 |
| 1278 | 72.0000 | 2.35000 | -0.902500 |
| 1279 | 80.0000 | 2.35000 | -0.450000 |
| 1280 | 80.0000 | 2.35000 | -0.225000 |
| 1281 | 80.0000 | 2.35000 | -1.10000 |

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|---|---|---|---|
| 1282 | 80.0000 | 2.35000 | -0.775000 |
| 1283 | 3.00000 | 2.35000 | -1.10000 |
| 1284 | 3.00000 | 3.98750 | -1.10000 |
| 1285 | 3.00000 | 5.62500 | -1.10000 |
| 1286 | 3.00000 | 7.26250 | -1.10000 |
| 1287 | 5.00000 | 8.90000 | -1.49500 |
| 1288 | 5.00000 | 8.90000 | -1.29750 |
| 1289 | 5.00000 | 8.90000 | -2.30000 |
| 1290 | 5.00000 | 8.90000 | -1.89750 |
| 1291 | 3.00000 | 2.35000 | -1.49500 |
| 1292 | 3.00000 | 2.35000 | -1.29750 |
| 1293 | 3.00000 | 2.35000 | -2.30000 |
| 1294 | 3.00000 | 2.35000 | -1.89750 |
| 1295 | 5.00000 | 8.90000 | -0.705000 |
| 1296 | 5.00000 | 8.90000 | -0.352500 |
| 1297 | 5.00000 | 8.90000 | -1.10000 |
| 1298 | 5.00000 | 8.90000 | -0.902500 |
| 1299 | 3.00000 | 2.35000 | -0.705000 |
| 1300 | 3.00000 | 2.35000 | -0.352500 |
| 1301 | 3.00000 | 2.35000 | -1.10000 |
| 1302 | 3.00000 | 2.35000 | -0.902500 |
| 1303 | 11.0000 | 2.35000 | -1.10000 |
| 1304 | 11.0000 | 3.98750 | -1.10000 |
| 1305 | 11.0000 | 5.62500 | -1.10000 |
| 1306 | 11.0000 | 7.26250 | -1.10000 |
| 1307 | 13.0000 | 8.90000 | -1.49500 |
| 1308 | 13.0000 | 8.90000 | -1.29750 |
| 1309 | 13.0000 | 8.90000 | -2.30000 |
| 1310 | 13.0000 | 8.90000 | -1.89750 |
| 1311 | 11.0000 | 2.35000 | -1.49500 |
| 1312 | 11.0000 | 2.35000 | -1.29750 |
| 1313 | 11.0000 | 2.35000 | -2.30000 |
| 1314 | 11.0000 | 2.35000 | -1.89750 |
| 1315 | 13.0000 | 8.90000 | -0.705000 |
| 1316 | 13.0000 | 8.90000 | -0.352500 |
| 1317 | 13.0000 | 8.90000 | -1.10000 |
| 1318 | 13.0000 | 8.90000 | -0.902500 |
| 1319 | 11.0000 | 2.35000 | -0.705000 |
| 1320 | 11.0000 | 2.35000 | -0.352500 |
| 1321 | 11.0000 | 2.35000 | -1.10000 |
| 1322 | 11.0000 | 2.35000 | -0.902500 |
| 1323 | 19.0000 | 2.35000 | -1.10000 |
| 1324 | 19.0000 | 3.98750 | -1.10000 |
| 1325 | 19.0000 | 5.62500 | -1.10000 |
| 1326 | 19.0000 | 7.26250 | -1.10000 |
| 1327 | 21.0000 | 8.90000 | -1.49500 |
| 1328 | 21.0000 | 8.90000 | -1.29750 |
| 1329 | 21.0000 | 8.90000 | -2.30000 |
| 1330 | 21.0000 | 8.90000 | -1.89750 |
| 1331 | 19.0000 | 2.35000 | -1.49500 |
| 1332 | 19.0000 | 2.35000 | -1.29750 |
| 1333 | 19.0000 | 2.35000 | -2.30000 |
| 1334 | 19.0000 | 2.35000 | -1.89750 |
| 1335 | 21.0000 | 8.90000 | -0.705000 |
| 1336 | 21.0000 | 8.90000 | -0.352500 |
| 1337 | 21.0000 | 8.90000 | -1.10000 |
| 1338 | 21.0000 | 8.90000 | -0.902500 |
| 1339 | 19.0000 | 2.35000 | -0.705000 |
| 1340 | 19.0000 | 2.35000 | -0.352500 |
| 1341 | 19.0000 | 2.35000 | -1.10000 |
| 1342 | 19.0000 | 2.35000 | -0.902500 |
| 1343 | 27.0000 | 2.35000 | -1.10000 |
| 1344 | 27.0000 | 3.98750 | -1.10000 |
| 1345 | 27.0000 | 5.62500 | -1.10000 |
| 1346 | 27.0000 | 7.26250 | -1.10000 |
| 1347 | 29.0000 | 8.90000 | -1.49500 |
| 1348 | 29.0000 | 8.90000 | -1.29750 |
| 1349 | 29.0000 | 8.90000 | -2.30000 |
| 1350 | 29.0000 | 8.90000 | -1.89750 |
| 1351 | 27.0000 | 2.35000 | -1.49500 |
| 1352 | 27.0000 | 2.35000 | -1.29750 |
| 1353 | 27.0000 | 2.35000 | -2.30000 |
| 1354 | 27.0000 | 2.35000 | -1.89750 |

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|---|---|---|---|
| 1355 | 29.0000 | 8.90000 | -0.705000 |
| 1356 | 29.0000 | 8.90000 | -0.352500 |
| 1357 | 29.0000 | 8.90000 | -1.10000 |
| 1358 | 29.0000 | 8.90000 | -0.902500 |
| 1359 | 27.0000 | 2.35000 | -0.705000 |
| 1360 | 27.0000 | 2.35000 | -0.352500 |
| 1361 | 27.0000 | 2.35000 | -1.10000 |
| 1362 | 27.0000 | 2.35000 | -0.902500 |
| 1363 | 35.0000 | 2.35000 | -1.10000 |
| 1364 | 35.0000 | 3.98750 | -1.10000 |
| 1365 | 35.0000 | 5.62500 | -1.10000 |
| 1366 | 35.0000 | 7.26250 | -1.10000 |
| 1367 | 37.0000 | 8.90000 | -1.49500 |
| 1368 | 37.0000 | 8.90000 | -1.29750 |
| 1369 | 37.0000 | 8.90000 | -2.30000 |
| 1370 | 37.0000 | 8.90000 | -1.89750 |
| 1371 | 35.0000 | 2.35000 | -1.49500 |
| 1372 | 35.0000 | 2.35000 | -1.29750 |
| 1373 | 35.0000 | 2.35000 | -2.30000 |
| 1374 | 35.0000 | 2.35000 | -1.89750 |
| 1375 | 37.0000 | 8.90000 | -0.705000 |
| 1376 | 37.0000 | 8.90000 | -0.352500 |
| 1377 | 37.0000 | 8.90000 | -1.10000 |
| 1378 | 37.0000 | 8.90000 | -0.902500 |
| 1379 | 35.0000 | 2.35000 | -0.705000 |
| 1380 | 35.0000 | 2.35000 | -0.352500 |
| 1381 | 35.0000 | 2.35000 | -1.10000 |
| 1382 | 35.0000 | 2.35000 | -0.902500 |
| 1383 | 43.0000 | 2.35000 | -1.10000 |
| 1384 | 43.0000 | 3.98750 | -1.10000 |
| 1385 | 43.0000 | 5.62500 | -1.10000 |
| 1386 | 43.0000 | 7.26250 | -1.10000 |
| 1387 | 45.0000 | 8.90000 | -1.49500 |
| 1388 | 45.0000 | 8.90000 | -1.29750 |
| 1389 | 45.0000 | 8.90000 | -2.30000 |
| 1390 | 45.0000 | 8.90000 | -1.89750 |
| 1391 | 43.0000 | 2.35000 | -1.49500 |
| 1392 | 43.0000 | 2.35000 | -1.29750 |
| 1393 | 43.0000 | 2.35000 | -2.30000 |
| 1394 | 43.0000 | 2.35000 | -1.89750 |
| 1395 | 45.0000 | 8.90000 | -0.705000 |
| 1396 | 45.0000 | 8.90000 | -0.352500 |
| 1397 | 45.0000 | 8.90000 | -1.10000 |
| 1398 | 45.0000 | 8.90000 | -0.902500 |
| 1399 | 43.0000 | 2.35000 | -0.705000 |
| 1400 | 43.0000 | 2.35000 | -0.352500 |
| 1401 | 43.0000 | 2.35000 | -1.10000 |
| 1402 | 43.0000 | 2.35000 | -0.902500 |
| 1403 | 51.2500 | 2.35000 | -1.10000 |
| 1404 | 51.2500 | 3.98750 | -1.10000 |
| 1405 | 51.2500 | 5.62500 | -1.10000 |
| 1406 | 51.2500 | 7.26250 | -1.10000 |
| 1407 | 53.2500 | 8.90000 | -1.49500 |
| 1408 | 53.2500 | 8.90000 | -1.29750 |
| 1409 | 53.2500 | 8.90000 | -2.30000 |
| 1410 | 53.2500 | 8.90000 | -1.89750 |
| 1411 | 51.2500 | 2.35000 | -1.49500 |
| 1412 | 51.2500 | 2.35000 | -1.29750 |
| 1413 | 51.2500 | 2.35000 | -2.30000 |
| 1414 | 51.2500 | 2.35000 | -1.89750 |
| 1415 | 53.2500 | 8.90000 | -0.705000 |
| 1416 | 53.2500 | 8.90000 | -0.352500 |
| 1417 | 53.2500 | 8.90000 | -1.10000 |
| 1418 | 53.2500 | 8.90000 | -0.902500 |
| 1419 | 51.2500 | 2.35000 | -0.705000 |
| 1420 | 51.2500 | 2.35000 | -0.352500 |
| 1421 | 51.2500 | 2.35000 | -1.10000 |
| 1422 | 51.2500 | 2.35000 | -0.902500 |
| 1423 | 59.7500 | 2.35000 | -1.10000 |
| 1424 | 59.7500 | 3.98750 | -1.10000 |
| 1425 | 59.7500 | 5.62500 | -1.10000 |
| 1426 | 59.7500 | 7.26250 | -1.10000 |
| 1427 | 61.7500 | 8.90000 | -1.49500 |

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| 1428 | 61.7500 | 8.90000 | -1.29750 |
| 1429 | 61.7500 | 8.90000 | -2.30000 |
| 1430 | 61.7500 | 8.90000 | -1.89750 |
| 1431 | 59.7500 | 2.35000 | -1.49500 |
| 1432 | 59.7500 | 2.35000 | -1.29750 |
| 1433 | 59.7500 | 2.35000 | -2.30000 |
| 1434 | 59.7500 | 2.35000 | -1.89750 |
| 1435 | 61.7500 | 8.90000 | -0.705000 |
| 1436 | 61.7500 | 8.90000 | -0.352500 |
| 1437 | 61.7500 | 8.90000 | -1.10000 |
| 1438 | 61.7500 | 8.90000 | -0.902500 |
| 1439 | 59.7500 | 2.35000 | -0.705000 |
| 1440 | 59.7500 | 2.35000 | -0.352500 |
| 1441 | 59.7500 | 2.35000 | -1.10000 |
| 1442 | 59.7500 | 2.35000 | -0.902500 |
| 1443 | 68.0000 | 2.35000 | -1.10000 |
| 1444 | 68.0000 | 3.98750 | -1.10000 |
| 1445 | 68.0000 | 5.62500 | -1.10000 |
| 1446 | 68.0000 | 7.26250 | -1.10000 |
| 1447 | 70.0000 | 8.90000 | -1.49500 |
| 1448 | 70.0000 | 8.90000 | -1.29750 |
| 1449 | 70.0000 | 8.90000 | -2.30000 |
| 1450 | 70.0000 | 8.90000 | -1.89750 |
| 1451 | 68.0000 | 2.35000 | -1.49500 |
| 1452 | 68.0000 | 2.35000 | -1.29750 |
| 1453 | 68.0000 | 2.35000 | -2.30000 |
| 1454 | 68.0000 | 2.35000 | -1.89750 |
| 1455 | 70.0000 | 8.90000 | -0.705000 |
| 1456 | 70.0000 | 8.90000 | -0.352500 |
| 1457 | 70.0000 | 8.90000 | -1.10000 |
| 1458 | 70.0000 | 8.90000 | -0.902500 |
| 1459 | 68.0000 | 2.35000 | -0.705000 |
| 1460 | 68.0000 | 2.35000 | -0.352500 |
| 1461 | 68.0000 | 2.35000 | -1.10000 |
| 1462 | 68.0000 | 2.35000 | -0.902500 |
| 1463 | 76.0000 | 2.35000 | -1.10000 |
| 1464 | 76.0000 | 3.98750 | -1.10000 |
| 1465 | 76.0000 | 5.62500 | -1.10000 |
| 1466 | 76.0000 | 7.26250 | -1.10000 |
| 1467 | 78.0000 | 8.90000 | -1.49500 |
| 1468 | 78.0000 | 8.90000 | -1.29750 |
| 1469 | 78.0000 | 8.90000 | -2.30000 |
| 1470 | 78.0000 | 8.90000 | -1.89750 |
| 1471 | 76.0000 | 2.35000 | -1.49500 |
| 1472 | 76.0000 | 2.35000 | -1.29750 |
| 1473 | 76.0000 | 2.35000 | -2.30000 |
| 1474 | 76.0000 | 2.35000 | -1.89750 |
| 1475 | 78.0000 | 8.90000 | -0.705000 |
| 1476 | 78.0000 | 8.90000 | -0.352500 |
| 1477 | 78.0000 | 8.90000 | -1.10000 |
| 1478 | 78.0000 | 8.90000 | -0.902500 |
| 1479 | 76.0000 | 2.35000 | -0.705000 |
| 1480 | 76.0000 | 2.35000 | -0.352500 |
| 1481 | 76.0000 | 2.35000 | -1.10000 |
| 1482 | 76.0000 | 2.35000 | -0.902500 |
| 1483 | 41.0000 | 8.90000 | -2.30000 |
| 1484 | 40.0000 | 9.90000 | -2.30000 |
| 1485 | 41.0000 | 2.35000 | -2.30000 |
| 1486 | 40.0000 | 3.35000 | -2.30000 |
| 1487 | 1.00000 | 2.35000 | -2.30000 |
| 1488 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1489 | 1.00000 | 8.90000 | -2.30000 |
| 1490 | 0.000000E+00 | 9.90000 | -2.30000 |
| 1491 | 82.0000 | 2.35000 | -2.30000 |
| 1492 | 81.0000 | 3.35000 | -2.30000 |
| 1493 | 82.0000 | 8.90000 | -2.30000 |
| 1494 | 81.0000 | 9.90000 | -2.30000 |
| 1495 | 41.0000 | 5.62500 | -8.60000 |
| 1496 | 40.0000 | 6.62500 | -8.60000 |
| 1497 | 1.00000 | 5.62500 | -2.80000 |
| 1498 | 0.000000E+00 | 6.62500 | -2.80000 |
| 1499 | 82.0000 | 5.62500 | -2.80000 |
| 1500 | 81.0000 | 6.62500 | -2.80000 |

```
          TOTAL NUMBER OF NODES                          =          1500
          LARGEST NODE NUMBER                            =          1500

          DATA STORAGE LOCATIONS USED                    =         10500



          G E O M E T R I C   P R O P E R T I E S


 C1__F1
PROPERTY

          BMI21   ELEMENTS
       1  1ST NODE          AREA  =0.1076        IYY   =0.9835E-01   IZZ   =
       0.4254E-02   KT    =0.3325E-04   ASZ   =0.4460E-01
                          ASY   =0.6300E-01   EZ    =1.241         EY    =
                          0.0000E+00   IYZ   =0.0000E+00
          2ND NODE          AREA  =0.1076        IYY   =0.9835E-01   IZZ   =
          0.4254E-02   KT    =0.3325E-04   ASZ   =0.4460E-01
                          ASY   =0.6300E-01   EZ    =1.241         EY    =
                          0.0000E+00   IYZ   =0.0000E+00



          G E O M E T R I C   P R O P E R T I E S


 C2__F1
PROPERTY

          BMI21   ELEMENTS
       2  1ST NODE          AREA  =0.1120        IYY   =0.1047        IZZ   =
       0.4861E-02   KT    =0.4992E-04   ASZ   =0.3996E-01
                          ASY   =0.7200E-01   EZ    =1.325         EY    =
                          0.0000E+00   IYZ   =0.0000E+00
          2ND NODE          AREA  =0.1120        IYY   =0.1047        IZZ   =
          0.4861E-02   KT    =0.4992E-04   ASZ   =0.3996E-01
                          ASY   =0.7200E-01   EZ    =1.325         EY    =
                          0.0000E+00   IYZ   =0.0000E+00



          G E O M E T R I C   P R O P E R T I E S


 C3__F1
PROPERTY

          BMI21   ELEMENTS
       3  1ST NODE          AREA  =0.1296        IYY   =0.1268        IZZ   =
       0.6076E-02   KT    =0.8828E-04   ASZ   =0.3960E-01
                          ASY   =0.9000E-01   EZ    =1.300         EY    =
                          0.0000E+00   IYZ   =0.0000E+00
          2ND NODE          AREA  =0.1296        IYY   =0.1268        IZZ   =
          0.6076E-02   KT    =0.8828E-04   ASZ   =0.3960E-01
                          ASY   =0.9000E-01   EZ    =1.300         EY    =
                          0.0000E+00   IYZ   =0.0000E+00



          G E O M E T R I C   P R O P E R T I E S
```

C4__F1
PROPERTY

BMI21 ELEMENTS
4 1ST NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS
5 1ST NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS
6 1ST NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19
2ND NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS
7 1ST NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS
8 1ST NODE AREA =10.75 IYY =1.579 IZZ =
67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =-0.2305E-11
2ND NODE AREA =10.75 IYY =1.579 IZZ =
67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =-0.2305E-11

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS
9 1ST NODE AREA =78.66 IYY =312.1 IZZ =
851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =78.66 IYY =312.1 IZZ =
851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)
PROPERTY

BMI21 ELEMENTS
10 1ST NODE AREA =1.595 IYY =0.1608 IZZ =
0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.595 IYY =0.1608 IZZ =
0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Offset
PROPERTY

BMI21 ELEMENTS
11 1ST NODE AREA =1.000 IYY =1.000 IZZ =
1.000 KT =1.000 ASZ =1.000

ASY =1.000 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.000 IYY =1.000 IZZ =
1.000 KT =1.000 ASZ =1.000
ASY =1.000 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)
PROPERTY

BMI21 ELEMENTS
12 1ST NODE AREA =0.1628E-01 IYY =0.1869E-03 IZZ =
0.1568E-03 KT =0.1843E-05 ASZ =0.4391E-02
ASY =0.7966E-02 EZ =0.8800E-01 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1628E-01 IYY =0.1869E-03 IZZ =
0.1568E-03 KT =0.1843E-05 ASZ =0.4391E-02
ASY =0.7966E-02 EZ =0.8800E-01 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

S=0.3m
PROPERTY

QTS4 ELEMENTS
14 EZ = -0.1500 T1 = 0.3000 T2 = 0.3000 T3
= 0.3000 T4 = 0.3000

G E O M E T R I C P R O P E R T I E S

Ecc0
PROPERTY

JSH4 ELEMENTS
13 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 678

G E O M E T R I C A S S I G N M E N T S

| FIRST ELEMENT | LAST ELEMENT | DIFF-ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|---|---|---|---|---|
| 1 | 0 | 0 | 13 | 21 |
| 2 | 0 | 0 | 9 | 18 |
| 3 | 5 | 1 | 8 | 17 |
| 6 | 8 | 1 | 11 | 20 |
| 9 | 10 | 1 | 13 | 21 |
| 11 | 13 | 1 | 11 | 20 |

| | | | | |
|---|---|---|---|---|
| 14 | 19 | 1 | 10 | 19 |
| 20 | 25 | 1 | 13 | 21 |
| 26 | 31 | 1 | 6 | 15 |
| 32 | 67 | 1 | 12 | 22 |
| 68 | 73 | 1 | 6 | 15 |
| 74 | 109 | 1 | 12 | 22 |
| 110 | 115 | 1 | 6 | 15 |
| 116 | 151 | 1 | 12 | 22 |
| 152 | 157 | 1 | 6 | 15 |
| 158 | 193 | 1 | 12 | 22 |
| 194 | 0 | 0 | 7 | 16 |
| 195 | 203 | 1 | 5 | 14 |
| 204 | 0 | 0 | 7 | 16 |
| 205 | 213 | 1 | 5 | 14 |
| 214 | 215 | 1 | 7 | 16 |
| 216 | 224 | 1 | 5 | 14 |
| 225 | 0 | 0 | 7 | 16 |
| 226 | 234 | 1 | 5 | 14 |
| 235 | 236 | 1 | 7 | 16 |
| 237 | 245 | 1 | 5 | 14 |
| 246 | 0 | 0 | 7 | 16 |
| 247 | 255 | 1 | 5 | 14 |
| 256 | 257 | 1 | 7 | 16 |
| 258 | 266 | 1 | 5 | 14 |
| 267 | 0 | 0 | 7 | 16 |
| 268 | 276 | 1 | 5 | 14 |
| 277 | 0 | 0 | 7 | 16 |
| 278 | 313 | 1 | 12 | 22 |
| 314 | 319 | 1 | 6 | 15 |
| 320 | 355 | 1 | 12 | 22 |
| 356 | 361 | 1 | 6 | 15 |
| 362 | 397 | 1 | 12 | 22 |
| 398 | 403 | 1 | 6 | 15 |
| 404 | 439 | 1 | 12 | 22 |
| 440 | 445 | 1 | 6 | 15 |
| 446 | 557 | 1 | 14 | 13 |
| 558 | 564 | 1 | 1 | 9 |
| 565 | 572 | 1 | 2 | 10 |
| 573 | 580 | 1 | 3 | 11 |
| 581 | 588 | 1 | 4 | 12 |
| 589 | 596 | 1 | 3 | 11 |
| 597 | 605 | 1 | 2 | 10 |
| 606 | 613 | 1 | 1 | 9 |
| 614 | 837 | 1 | 14 | 13 |
| 838 | 844 | 1 | 1 | 9 |
| 845 | 852 | 1 | 2 | 10 |
| 853 | 860 | 1 | 3 | 11 |
| 861 | 868 | 1 | 4 | 12 |
| 869 | 876 | 1 | 3 | 11 |
| 877 | 885 | 1 | 2 | 10 |
| 886 | 893 | 1 | 1 | 9 |
| 894 | 1005 | 1 | 14 | 13 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 58
TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 14

DATA STORAGE LOCATIONS USED = 3015

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_spalle
8 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1260E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

Incastro
9 KX = 0.3000E+10 KY = 0.3000E+10 KZ = 0.3000E+10 KTX
= 0.3000E+10 KTY = 0.3000E+10 KTZ = 0.3000E+10

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_pila
10 KX = 0.2990E+07 KY = 0.2990E+07 KZ = 0.1871E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel (elastic)
1 E = 0.2100E+12 NU = 0.3000 RHO = 7850. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)
2 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
3 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
4 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
5 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
7 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 468

M A T E R I A L A S S I G N M E N T S

| FIRST ELEMENT SET | LAST ELEMENT SET | DIFF-ERENCE ID NO. | MATERIAL SET | NSET STRESS POTENTIAL/ CREEP SET | DAMAGE SET | LusasM VISCOELASTIC SET | TWO PHASE PLASTIC DATA SET | SHRINKAGE SET | KO SMEARED_REINFORCEMENT SET |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 17 | 0 | 0 | 0 | 0 | | | |
| 2 | 5 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 5 | 0 | 0 | 0 | 0 | | | |

```
  6          8          1          4          0          0
  0          0         15          0          0          0
  0             0
  9         10          1          9          0          0
  0          0         17          0          0          0
  0             0
 11         13          1          4          0          0
  0          0         15          0          0          0          0
  0
 14         19          1          2          0          0
  0          0          5          0          0          0          0
  0
 20          0          0          8          0          0
  0          0         16          0          0          0          0
  0
 21          0          0         10          0          0
  0          0         23          0          0          0          0
  0
 22         23          1          8          0          0
  0          0         16          0          0          0          0
  0
 24          0          0         10          0          0
  0          0         23          0          0          0          0
  0
 25          0          0          8          0          0
  0          0         16          0          0          0          0
  0
 26        109          1          3          0          0
  0          0         14          0          0          0          0
  0
110        193          1          4          0          0
  0          0         15          0          0          0          0
  0
194        277          1          1          0          0
  0          0          1          0          0          0          0
  0
278        361          1          4          0          0
  0          0         15          0          0          0          0
  0
362        445          1          3          0          0
  0          0         14          0          0          0          0
  0
446        467          1          2          0          0
  0          0          5          0          0          0          0
  0
468          0          0          5          0          0
  0          0         20          0          0          0          0
  0
469        476          1          7          0          0
  0          0         22          0          0          0          0
  0
477          0          0          6          0          0
  0          0         21          0          0          0          0
  0
478        523          1          2          0          0
  0          0          5          0          0          0          0
  0
524          0          0          5          0          0
  0          0         20          0          0          0          0
  0
525        532          1          7          0          0
  0          0         22          0          0          0          0
  0
533          0          0          6          0          0
  0          0         21          0          0          0          0
  0
534        557          1          2          0          0
  0          0          5          0          0          0          0
  0
558        613          1          1          0          0
  0          0          1          0          0          0          0
  0
614        635          1          2          0          0
```

```
0       0       5       0       0       0       0
0
636     0       0       5       0       0
0       0      20       0       0       0       0
0
637     644     1       7       0       0
0       0      22       0       0       0       0
0
645     0       0       6       0       0
0       0      21       0       0       0       0
0
646     691     1       2       0       0
0       0       5       0       0       0       0
0
692     0       0       5       0       0
0       0      20       0       0       0       0
0
693     700     1       7       0       0
0       0      22       0       0       0       0
0
701     0       0       6       0       0
0       0      21       0       0       0       0
0
702     747     1       2       0       0
0       0       5       0       0       0       0
0
748     0       0       5       0       0
0       0      20       0       0       0       0
0
749     756     1       7       0       0
0       0      22       0       0       0       0
0
757     0       0       6       0       0
0       0      21       0       0       0       0
0
758     803     1       2       0       0
0       0       5       0       0       0       0
0
804     0       0       5       0       0
0       0      20       0       0       0       0
0
805     812     1       7       0       0
0       0      22       0       0       0       0
0
813     0       0       6       0       0
0       0      21       0       0       0       0
0
814     837     1       2       0       0
0       0       5       0       0       0       0
0
838     893     1       1       0       0
0       0       1       0       0       0       0
0
894     915     1       2       0       0
0       0       5       0       0       0       0
0
916     0       0       5       0       0
0       0      20       0       0       0       0
0
917     924     1       7       0       0
0       0      22       0       0       0       0
0
925     0       0       6       0       0
0       0      21       0       0       0       0
0
926     971     1       2       0       0
0       0       5       0       0       0       0
0
972     0       0       5       0       0
0       0      20       0       0       0       0
0
973     980     1       7       0       0
0       0      22       0       0       0       0
```

```
            0
            981         0         0        6       0            0
            0       0      21         0         0              0       0
            0
            982      1005         1        2       0            0
            0       0       5         0         0              0       0
            0
```

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 53

F R E E D O M T E M P L A T E

| COLM. 1 | COLM. 2 | COLM. 3 | COLM. 4 | COLM. 5 | COLM. 6 | COLM. 7 | COLM. 8 | COLM. 9 | COLM. 10 | COLM. 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| COLM. 12 | COLM. 13 | COLM. 14 | COLM. 15 | COLM. 16 | COLM. 17 | COLM. 18 | COLM. 19 | COLM. 20 | COLM. 21 | |
| U | V | W | THX | THY | THZ | | | | | |

S U P P O R T N O D E S

F = FREE
R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
S = SPRING

| FIRST NODE | LAST NODE | DIFF RNCE | SUPPORT CONDITION | SPRING SUPPORT CONSTANT | SPRING SUPPORT CONSTANT | SPRING SUPPORT CONSTANT | SPRING SUPPORT CONSTANT | SPRING SUPPORT CONSTANT | SPRING SUPPORT CONSTANT |
|---|---|---|---|---|---|---|---|---|---|
| | | | | OR PRESCRIBED VALUE | OR PRESCRIBED VALUE | OR PRESCRIBED VALUE | OR PRESCRIBED VALUE | OR PRESCRIBED VALUE | OR PRESCRIBED VALUE |
| | | | | FREEDOM | U | FREEDOM | V | | |
| | | | | FREEDOM | W | FREEDOM | THX | | |
| | | | | FREEDOM | THY | FREEDOM | THZ | | |
| 1 | 9 | 8 | R R R R R R | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 13 | 0 | 0 | R R R R R R | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

TOTAL NUMBER OF SUPPORT NODES = 3
LARGEST NODE NUMBER = 13

DATA STORAGE LOCATIONS USED = 162

L O A D C A S E 707

InstPiatt_Conc1

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 17 | 19 | 2 | 0.00000E+00 | 0.17892E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 20 | 27 | 1 | 0.00000E+00 | 0.17892E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 29 | 38 | 1 | 0.00000E+00 | 0.17892E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 40 | 41 | 1 | 0.00000E+00 | 0.17892E+06 | 0.00000E+00 | | | |

0.00000E+00 0.00000E+00 0.00000E+00
43 51 1 0.00000E+00 0.17892E+06 0.00000E+00
0.00000E+00 0.00000E+00 0.00000E+00
53 62 1 0.00000E+00 0.17892E+06 0.00000E+00
0.00000E+00 0.00000E+00 0.00000E+00
64 0 0 0.00000E+00 0.17892E+06 0.00000E+00
0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 42
LARGEST NODE OR ELEMENT NUMBER = 64

L O A D C A S E 708

InstPiatt_Conc2

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| FORCE MX | FORCE MY | FORCE MZ | | | |
| 17 | 19 | 2 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 20 | 27 | 1 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 29 | 38 | 1 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 40 | 41 | 1 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 43 | 51 | 1 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 53 | 62 | 1 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 64 | 0 | 0 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 42
LARGEST NODE OR ELEMENT NUMBER = 64

L O A D C A S E 709

InstPiatt_Disc1

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| FORCE MX | FORCE MY | FORCE MZ | | | |
| 17 | 19 | 2 | 0.00000E+00 | 0.17892E+06 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 20 | 27 | 1 | 0.00000E+00 | 0.17892E+06 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 29 | 38 | 1 | 0.00000E+00 | 0.17892E+06 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 40 | 0 | 0 | 0.00000E+00 | 0.17892E+06 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 41 | 43 | 2 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 44 | 51 | 1 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 53 | 62 | 1 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 64 | 0 | 0 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 42
LARGEST NODE OR ELEMENT NUMBER = 64

L O A D C A S E 710

InstPiatt_Disc2

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | | |
|---|---|---|---|---|---|---|---|
| MX | MY | MZ | | | | | |
| 17 | 19 | 2 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 20 | 27 | 1 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 29 | 38 | 1 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 40 | 0 | 0 | 0.00000E+00 | -0.17892E+06 | 0.00000E+00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 41 | 43 | 2 | 0.00000E+00 | 0.17892E+06 | 0.00000E+00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 44 | 51 | 1 | 0.00000E+00 | 0.17892E+06 | 0.00000E+00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 53 | 62 | 1 | 0.00000E+00 | 0.17892E+06 | 0.00000E+00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 64 | 0 | 0 | 0.00000E+00 | 0.17892E+06 | 0.00000E+00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 42
LARGEST NODE OR ELEMENT NUMBER = 64

L O A D C A S E 713

Frenamento

ELEMENT LOADS

| FIRST ELEMENT | LAST ELEMENT | DIFFERENCE | LOAD TYPE | DISTANCE | | |
|---|---|---|---|---|---|---|
| 558 | 563 | 1 | 31 | 0.0000E+00 | 3572. | |
| 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | |
| | | | | 1.333 | 3572. | |
| | | | | 0.0000E+00 | 0.0000E+00 | |
| | | | | 0.0000E+00 | 0.0000E+00 | |
| | | | | 0.0000E+00 | | |
| 564 | 0 | 0 | 31 | 0.0000E+00 | 3572. | |
| 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | | |

```
                                        2.000        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
565         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        2.000        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
566       571         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
572         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        2.000        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
573         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        2.000        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
574       579         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
580       581         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        2.000        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
582         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
583         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
584       585         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
586         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
587         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
588       589         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        2.000        3572.
```

```
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
590         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.417        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
591         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.417        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
592       593         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.417        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
594         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.417        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
595         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.417        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
596         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.500        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
597       598         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.375        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
599       600         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.417        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
601         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.417        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
602       603         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
604         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
605         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.000        3572.
                                        0.0000E+00   0.0000E+00
```

```
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
606       607         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.500        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
608       609         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
610         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
611         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
612         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
613         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
838       843         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
844         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        2.000        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
845         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        2.000        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
846       851         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
852         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        2.000        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
853         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        2.000        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
```

```
                                        0.0000E+00
854       859         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
860       861         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        2.000        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
862         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
863         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
864       865         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
866         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
867         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.333        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
868       869         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        2.000        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
870         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.417        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
871         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.417        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
872       873         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.417        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
874         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                        1.417        3572.
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00   0.0000E+00
                                        0.0000E+00
```

```
       875         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                       1.417        3572.
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00
       876         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                       1.500        3572.
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00
       877       878         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                       1.375        3572.
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00
       879       880         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                       1.417        3572.
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00
       881         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                       1.417        3572.
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00
       882       883         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                       1.333        3572.
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00
       884         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                       1.333        3572.
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00
       885         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                       1.000        3572.
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00
       886       887         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                       1.500        3572.
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00
       888       889         1      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                       1.333        3572.
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00
       890         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                       1.333        3572.
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00
       891         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                       1.333        3572.
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00   0.0000E+00
                                       0.0000E+00
       892         0         0      31   0.0000E+00    3572.
```

```
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                  1.333        3572.
                                  0.0000E+00   0.0000E+00
                                  0.0000E+00   0.0000E+00
                                  0.0000E+00
893         0         0      31   0.0000E+00    3572.
0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00   0.0000E+00
                                  1.333        3572.
                                  0.0000E+00   0.0000E+00
                                  0.0000E+00   0.0000E+00
                                  0.0000E+00
```

NUMBER OF LOADED NODES OR ELEMENTS = 112
LARGEST NODE OR ELEMENT NUMBER = 893

DATA STORAGE LOCATIONS USED = 1447

E L E M E N T O U T P U T

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

| FIRST ELT OUTPUT | LAST ELT GROUP | DIFF HISTORY RNCE CONTROL | OUTPUT PLOT FILE CONTROL | AVERAGED NODAL VALUES | NODAL FORCE GROUP |
|---|---|---|---|---|---|
| 1 | 1005 | 1 | 0 | 0 | 0 |

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1005
LARGEST ELEMENT NUMBER INPUT = 1005
LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFF RNCE | OUTPUT CONTROL | HISTORY CONTROL |
|---|---|---|---|---|
| 1 | 1500 | 1 | 0 | 0 |

TOTAL NUMBER OF NODE OUTPUT SETS = 1
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 1500
LARGEST NODE OUTPUT CONTROL NUMBER = 0
LARGEST NODE HISTORY CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 0

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS = 1005
TOTAL NUMBER OF CONSTRAINTS = 0
TOTAL NUMBER OF NODES = 1500
TOTAL NUMBER OF SUPPORT NODES = 3
TOTAL NUMBER OF LOADING CASES = 5

LOCATIONS USED DURING DATA PROCESSING = 78679532
LOCATIONS AVAILABLE = 98304000

TIME USED TO PROCESS INPUT DATA = 0.47700 SEC.

TIME AT CENTRAL PROCESSOR = 9:56:48 ON 16/04/21 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1901
INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 448

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTYP PROCESSOR)

E S T I M A T E O F M O D E L G E O M E T R I C P R O P E R T I E S A N D L O A D I N G

MATERIAL ---------- GEOMETRIC SUMMARY ---------- ELEMENT
---------- CENTRE OF GRAVITY ----------
SET LENGTH AREA VOLUME MASS
X-COORD Y-COORD Z-COORD
M sq M cu M KG
M M M

| | | | | | |
|---|---|---|---|---|---|
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | | |
| 2 | 8.80000 | 731.250 | 408.733 | 0.102183E+07 | |
| 40.3383 | 5.62500 | -3.20199 | | | |
| 4 | 55.8900 | 0.000000E+00 | 20.7025 | 0.000000E+00 | |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | | |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | | |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | | |
| 3 | 60.3600 | 0.000000E+00 | 1.33843 | 0.000000E+00 | |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | | |
| 1 | 299.550 | 0.000000E+00 | 24.8142 | 194791. | |
| 40.4098 | 5.62500 | -0.205657 | | | |
| 5 | 0.000000E+00 | 22.5000 | 6.75000 | 16875.0 | |
| 33.0000 | 5.62500 | 0.000000E+00 | | | |
| 7 | 0.000000E+00 | 135.000 | 40.5000 | 101250. | |
| 40.0000 | 5.62500 | 0.000000E+00 | | | |
| 6 | 0.000000E+00 | 22.5000 | 6.75000 | 16875.0 | |
| 47.0000 | 5.62500 | 0.000000E+00 | | | |
| TOTALS FOR STRUCTURE | 424.600 | 911.250 | 509.588 | 0.135162E+07 | |
| 40.3148 | 5.62500 | -2.45035 | | | |

MATERIAL ---------- MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGIN AT (0,0,0) ----------
SET Ixx Iyy Izz Ixy
Iyz Ixz
KG M **2 KG M **2 KG M **2 KG M **2
KG M **2 KG M **2

| | | | | |
|---|---|---|---|---|
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 2 | 0.624634E+08 | 0.207083E+10 | 0.208529E+10 | -0.231857E+09 |
| 0.184044E+08 | 0.130886E+09 | | | |
| 4 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

```
     0.000000E+00    0.000000E+00
     8       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
    10       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
    0.000000E+00    0.000000E+00
     3       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     1       0.805250E+07    0.420141E+09    0.428105E+09   -0.442770E+08
     225338.         0.161495E+07
     5        718564.        0.183938E+08    0.191123E+08   -0.313242E+07
     0.000000E+00    0.000000E+00
     7       0.431138E+07    0.163257E+09    0.167569E+09   -0.227813E+08
     0.000000E+00    0.000000E+00
     6        718564.        0.372937E+08    0.380123E+08   -0.446133E+07
     0.000000E+00    0.000000E+00
TOTALS FOR
STRUCTURE    0.762644E+08    0.270992E+10    0.273809E+10   -0.306509E+09
0.186298E+08    0.132501E+09


MATERIAL      ------------ MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH
ORIGINS AT CENTROIDS ---------
  SET             Ixx             Iyy             Izz             Ixy
  Iyz             Ixz
             KG  M   **2     KG  M   **2     KG  M   **2     KG  M   **2
             KG  M   **2     KG  M   **2

     9       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     2       0.196554E+08    0.397647E+09    0.390249E+09   -0.476837E-06
     0.335276E-07   -0.109678E+07
     4       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     8       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
    10       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
    0.000000E+00    0.000000E+00
     3       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     1       0.188095E+07    0.102048E+09    0.103858E+09   -0.149012E-07
     0.232831E-09    -3870.89
     5        184628.         16875.0         201503.       -0.465661E-09
     0.000000E+00    0.000000E+00
     7       0.110777E+07    0.125750E+07    0.236527E+07    0.149012E-07
     0.000000E+00    0.000000E+00
     6        184628.         16875.0         201503.        0.000000E+00
     0.000000E+00    0.000000E+00
TOTALS FOR
STRUCTURE    0.253827E+08    0.505025E+09    0.498544E+09   -0.476837E-06
0.298023E-07   -0.101998E+07


MATERIAL      ------------ PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL
AXES ------------------------------------
  SET             I               I               I
                   11              22              33
                  PRINCIPAL DIRECTIONS
             KG  M   **2     KG  M   **2     KG  M   **2

     9       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     2       0.397647E+09    0.390252E+09    0.196521E+08(-0.00,
     1.00,-0.00)(-0.00, 0.00, 1.00)( 1.00, 0.00, 0.00)
     4       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     8       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
    10       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
    0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     3       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     1       0.103858E+09    0.102048E+09    0.188095E+07(-0.00, 0.00,
     1.00)( 0.00, 1.00, 0.00)( 1.00, 0.00, 0.00)
```

```
      5        201503.         184628.         16875.0    ( 0.00, 0.00,
     1.00)( 1.00,-0.00, 0.00)( 0.00, 1.00, 0.00)
      7       0.236527E+07    0.125750E+07    0.110777E+07( 0.00, 0.00,
     1.00)( 0.00, 1.00, 0.00)( 1.00,-0.00, 0.00)
      6        201503.         184628.         16875.0    ( 0.00, 0.00,
     1.00)( 1.00, 0.00, 0.00)( 0.00, 1.00, 0.00)
 TOTALS FOR
 STRUCTURE    0.505025E+09    0.498547E+09    0.253805E+08(-0.00,
 1.00,-0.00)(-0.00, 0.00, 1.00)( 1.00, 0.00, 0.00)


 FORCE        ------------------- RESULTANT APPLIED LOAD AT ORIGIN IN
 GLOBAL DIRECTIONS -------------------
 OUTPUT GROUP      Fx              Fy              Fz              Mx
 My              Mz
                   N               N               N             N   .M
                   N   .M          N   .M

 LOAD CASE         707
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.751464E+07    0.000000E+00    0.172837E+08
 0.000000E+00    0.302912E+09

 LOAD CASE         708
 TOTALS FOR
 STRUCTURE    0.000000E+00   -0.751464E+07    0.000000E+00   -0.172837E+08
 0.000000E+00   -0.302912E+09

 LOAD CASE         709
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    0.000000E+00    0.426579E-02
 0.000000E+00    0.000000E+00

 LOAD CASE         710
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    0.000000E+00   -0.426579E-02
 0.000000E+00    0.000000E+00

 LOAD CASE         713
 TOTALS FOR
 STRUCTURE     578664.        0.000000E+00    0.000000E+00    0.000000E+00
 -0.194632E-09   -0.325498E+07


          AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS
          AND BEAMS) =   1.388
          AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY)
          =  0.2540


          TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY          = 0.18000E-01 SEC.
          TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX  =     102279


          LOCATIONS USED DURING PRE-SOLUTION PROCESS  =        450000
          LOCATIONS AVAILABLE                         =      98304000

          TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM  =          5604
          TOTAL NO. OF ACTIVE DEGREES OF FREEDOM      =          5604
          TOTAL NO. OF EQUATIONS                      =          5604
          TOTAL NO. OF ACTIVE NODES                   =           934

          NUMBER OF ELEMENT GROUPS                    =            33
          MAXIMUM NUMBER OF ELEMENTS IN A GROUP       =            32

          MAXIMUM SIZE OF ELEMENT DATA RECORDS        =         58297
          MAXIMUM SIZE OF ELEMENT RESULT RECORDS      =         76451
          MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS    =             0
          MAXIMUM SIZE OF ELEMENT SHAPE RECORDS       =         17090
          TOTAL SIZE OF ELEMENT DATA RECORDS          =       1077598
          TOTAL SIZE OF ELEMENT RESULT RECORDS        =       1825702
          TOTAL SIZE OF ELEMENT SOLUTION RECORDS      =             0
          TOTAL SIZE OF GLOBAL SOLUTION RECORD        =         34741
```

TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 187083

TIME FOR PRE-SOLUTION PROCESS = 0.89000E-01 SEC.
(ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 9:56:48 ON 16/04/21 (DAY/MTH/YR)

S O L U T I O N B Y F R O N T A L S P A R S E M A T R I X
T E C H N I Q U E

TIME FOR EQUATION REORDERING = 0.02
SEC.

IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED =
521865 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

```
============================================================
= Multifrontal statistics                                  =
============================================================
```

| | |
|---|---|
| number of equations | 5586 |
| no. of nonzeroes in lower triangle of a | 96693 |
| number of compressed nodes | 931 |
| no. of compressed nonzeroes in l. tri. | 2298 |
| amount of workspace currently in use | 459515 |
| max. amt. of workspace used | 98114365 |
| no. of nonzeroes in the factor l | 281841. |
| number of super nodes | 494 |
| number of compressed subscripts | 17004 |
| size of stack storage | 27624 |
| maximum order of a front matrix | 180 |
| maximum size of a front matrix | 16290 |
| maximum size of a front trapezoid | 14679 |
| no. of floating point ops for factor | 2.5641D+07 |
| no. of floating point ops for solve | 1.1553D+06 |
| actual no. of nonzeroes in the factor l | 281841. |
| actual number of compressed subscripts | 17004 |
| actual size of stack storage used | 51636 |
| near zero pivot monitoring activated | |
| number of pivots adjusted | 0. |
| negative pivot monitoring activated | |
| number of negative pivots encountered | 0. |
| factorization panel size | 128 |
| factorization update panel size | 32 |
| solution block size | 8 |
| time (in seconds) for structure input | 0.010000 |
| time (in seconds) for ordering | 0.016000 |
| time (in seconds) for symbolic factor | 0.005000 |
| time (in seconds) for value input | 0.009000 |
| number of cpus used for factor & solve | 2 |
| time (in seconds) for numeric factor | 0.054000 |
| computational rate (mflops) for factor | 474.834428 |
| condition number estimate | 3.2834D+11 |
| time (in seconds) for numeric solve | 0.001400 |
| computational rate (mflops) for solve | 825.185492 |

| i/o statistics: | unit number | length (Mbytes) | amount (Mbytes) |
|---|---|---|---|
| | 31. | 0.14 | 0.34 |

NUMBER OF POSITIVE EIGENVALUES =
5586
NUMBER OF NEGATIVE EIGENVALUES =
0

AMOUNT OF DISK SPACE USED =
0.14 MB
DETERMINANT OF STIFFNESS MATRIX =

```
          2.192E+51911

          SMALLEST PIVOT ENCOUNTERED WAS   645.235     AT NODE      449,
          FREEDOM  6
          LARGEST PIVOT ENCOUNTERED WAS   0.226672E+15 AT NODE       12,
          FREEDOM  4
          FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   1      =
          0.91120E-17
          FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   2      =
          0.91120E-17
          FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   3      =
          0.10824E-17
          FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   4      =
          0.10824E-17
          FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   5      =
          0.15012E-16


          TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION
          =  0.11100     SEC.
          TOTAL ELAPSED TIME USED SOLVING EQUATIONS
          =   0 HRS  0 MINS  0 SECS


          LOCATIONS USED DURING POST-SOLUTION PROCESS =        560403
          LOCATIONS AVAILABLE                         =      98304000

          ACTUAL TOTAL NO. EDGES IN STRUCTURE        =    1405
          ACTUAL TOTAL NO. FACES IN STRUCTURE        =     448

          TIME FOR POST-SOLUTION PROCESS              =  0.42500     SEC.

          TOTAL CPU TIME USED FOR SOLUTION           =   1.1030     SEC.

          TOTAL ELAPSED TIME USED FOR SOLUTION       =   0 HRS  0 MINS  1
          SECS

          TIME AT CENTRAL PROCESSOR =  9:56:49 ON 16/04/21 (DAY/MTH/YR)



          I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

          Disk Unit     Disk Page     Calls to     Buffered     Disk
          Page Table   Peak File
          Name          Size (Bytes)  I/O Routines Transfers    Accesses
          Swaps        Size (Mbytes)

          PROBLEM          16384          592         2163          832
          0      10.87500
          FRONTAL          16384            0            0            0
          0     0.1562500E-01
          SHAPES           16384           57          174           97
          0     0.8437500
          PLOT             16384         5056         6102          607
          0      16.53125
          RESTART              0            0            0            0
          0     0.0000000E+00
 ***LUSAS RUN SUCCESSFULLY COMPLETED***
```

TIME AT CENTRAL PROCESSOR = 9:56:53 ON 16/04/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| NLPZ | 98304000 |
| NPGS | 960 |
| MXELGP | 32 |

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| IDTIME | 1 |

```
LL        UU    UU   SSSSSS     AAAA     SSSSSS
LL        UU    UU  SS    SS   AA  AA   SS    SS
LL        UU    UU  SS        AA    AA  SS
LL        UU    UU   SSSSS    AAAAAAAA   SSSSS
LL        UU    UU    SSSSS   AAAAAAAA    SSSSS
LL        UU    UU        SS  AA    AA        SS
LLLLLLLL  UU    UU  SS    SS  AA    AA  SS    SS
LLLLLLLL   UUUUUU    SSSSSS   AA    AA   SSSSSS
```

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
Forge House,
66 High Street,
Kingston upon Thames,
Surrey, KT1 1HN, UK
www.lusas.com

Sales Enquiries: Tel +44 (0)20 8541 1999
Fax +44 (0)20 8549 9399
Email: info@lusas.com

Customer Support: Tel +44 (0)20 3325 0440
Fax +44 (0)20 8549 9399
Email: support@lusas.com

This is a BETA Version of the Code supplied for TEST purposes only.
This Version has passed all the standard QA Checks, but has not undergone
field testing.
The documentation may be incomplete, file formats and commands may be
changed for the Final Release.

KeyID 10035 licensed on PC processor. Expires 1-07-2021
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
Input file : C:\PROJECTS\CT-RG\Barbaianni\modelli\LUSASFiles32\Barbaianni_Impalcato\Barbaiann

i_Impalcato~Fatica.dat

Number of processors available : 4
Maximum number of threads available : 4

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 9:56:55 ON 16/04/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M KG S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES

O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION

O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS

O P T I O N(S) 123 CLOCKWISE NODE NUMBERING

O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM

O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS

O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER

O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES

O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER

O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS

O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES

O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT

O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY

O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES

O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS

O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)

O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3

O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER

O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| JSH4 | ELEMENTS | | | |
| 1 | 1 | 2 | 1495 | 1496 |
| 9 | 9 | 10 | 1497 | 1498 |
| 10 | 13 | 12 | 1499 | 1500 |
| 20 | 18 | 17 | 1487 | 1488 |
| 21 | 28 | 29 | 1485 | 1486 |
| 22 | 39 | 40 | 1491 | 1492 |
| 23 | 42 | 41 | 1489 | 1490 |
| 24 | 52 | 53 | 1483 | 1484 |
| 25 | 63 | 64 | 1493 | 1494 |

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| QTS4 | ELEMENTS | | | |
| 446 | 422 | 423 | 480 | 479 |
| 447 | 423 | 424 | 481 | 480 |
| 448 | 424 | 425 | 482 | 481 |
| 449 | 425 | 426 | 483 | 482 |
| 450 | 426 | 427 | 484 | 483 |
| 451 | 427 | 428 | 485 | 484 |
| 452 | 428 | 429 | 486 | 485 |
| 453 | 429 | 430 | 487 | 486 |
| 454 | 430 | 431 | 488 | 487 |
| 455 | 431 | 432 | 489 | 488 |
| 456 | 432 | 433 | 490 | 489 |
| 457 | 433 | 434 | 491 | 490 |
| 458 | 434 | 435 | 492 | 491 |
| 459 | 435 | 436 | 493 | 492 |
| 460 | 436 | 437 | 494 | 493 |
| 461 | 437 | 438 | 495 | 494 |
| 462 | 438 | 439 | 496 | 495 |
| 463 | 439 | 440 | 497 | 496 |
| 464 | 440 | 441 | 498 | 497 |
| 465 | 441 | 442 | 499 | 498 |
| 466 | 442 | 443 | 500 | 499 |
| 467 | 443 | 444 | 501 | 500 |
| 468 | 444 | 445 | 502 | 501 |
| 469 | 445 | 446 | 503 | 502 |
| 470 | 446 | 447 | 504 | 503 |
| 471 | 447 | 448 | 505 | 504 |
| 472 | 448 | 449 | 506 | 505 |
| 473 | 449 | 450 | 507 | 506 |
| 474 | 450 | 451 | 508 | 507 |
| 475 | 451 | 452 | 509 | 508 |
| 476 | 452 | 453 | 510 | 509 |
| 477 | 453 | 454 | 511 | 510 |
| 478 | 454 | 455 | 512 | 511 |
| 479 | 455 | 456 | 513 | 512 |
| 480 | 456 | 457 | 514 | 513 |
| 481 | 457 | 458 | 515 | 514 |
| 482 | 458 | 459 | 516 | 515 |
| 483 | 459 | 460 | 517 | 516 |
| 484 | 460 | 461 | 518 | 517 |
| 485 | 461 | 462 | 519 | 518 |
| 486 | 462 | 463 | 520 | 519 |
| 487 | 463 | 464 | 521 | 520 |
| 488 | 464 | 465 | 522 | 521 |
| 489 | 465 | 466 | 523 | 522 |

| | | | | |
|---|---|---|---|---|
| 490 | 466 | 467 | 524 | 523 |
| 491 | 467 | 468 | 525 | 524 |
| 492 | 468 | 469 | 526 | 525 |
| 493 | 469 | 470 | 527 | 526 |
| 494 | 470 | 471 | 528 | 527 |
| 495 | 471 | 472 | 529 | 528 |
| 496 | 472 | 473 | 530 | 529 |
| 497 | 473 | 474 | 531 | 530 |
| 498 | 474 | 475 | 532 | 531 |
| 499 | 475 | 476 | 533 | 532 |
| 500 | 476 | 477 | 534 | 533 |
| 501 | 477 | 478 | 535 | 534 |
| 502 | 479 | 480 | 537 | 536 |
| 503 | 480 | 481 | 538 | 537 |
| 504 | 481 | 482 | 539 | 538 |
| 505 | 482 | 483 | 540 | 539 |
| 506 | 483 | 484 | 541 | 540 |
| 507 | 484 | 485 | 542 | 541 |
| 508 | 485 | 486 | 543 | 542 |
| 509 | 486 | 487 | 544 | 543 |
| 510 | 487 | 488 | 545 | 544 |
| 511 | 488 | 489 | 546 | 545 |
| 512 | 489 | 490 | 547 | 546 |
| 513 | 490 | 491 | 548 | 547 |
| 514 | 491 | 492 | 549 | 548 |
| 515 | 492 | 493 | 550 | 549 |
| 516 | 493 | 494 | 551 | 550 |
| 517 | 494 | 495 | 552 | 551 |
| 518 | 495 | 496 | 553 | 552 |
| 519 | 496 | 497 | 554 | 553 |
| 520 | 497 | 498 | 555 | 554 |
| 521 | 498 | 499 | 556 | 555 |
| 522 | 499 | 500 | 557 | 556 |
| 523 | 500 | 501 | 558 | 557 |
| 524 | 501 | 502 | 559 | 558 |
| 525 | 502 | 503 | 560 | 559 |
| 526 | 503 | 504 | 561 | 560 |
| 527 | 504 | 505 | 562 | 561 |
| 528 | 505 | 506 | 563 | 562 |
| 529 | 506 | 507 | 564 | 563 |
| 530 | 507 | 508 | 565 | 564 |
| 531 | 508 | 509 | 566 | 565 |
| 532 | 509 | 510 | 567 | 566 |
| 533 | 510 | 511 | 568 | 567 |
| 534 | 511 | 512 | 569 | 568 |
| 535 | 512 | 513 | 570 | 569 |
| 536 | 513 | 514 | 571 | 570 |
| 537 | 514 | 515 | 572 | 571 |
| 538 | 515 | 516 | 573 | 572 |
| 539 | 516 | 517 | 574 | 573 |
| 540 | 517 | 518 | 575 | 574 |
| 541 | 518 | 519 | 576 | 575 |
| 542 | 519 | 520 | 577 | 576 |
| 543 | 520 | 521 | 578 | 577 |
| 544 | 521 | 522 | 579 | 578 |
| 545 | 522 | 523 | 580 | 579 |
| 546 | 523 | 524 | 581 | 580 |
| 547 | 524 | 525 | 582 | 581 |
| 548 | 525 | 526 | 583 | 582 |
| 549 | 526 | 527 | 584 | 583 |
| 550 | 527 | 528 | 585 | 584 |
| 551 | 528 | 529 | 586 | 585 |
| 552 | 529 | 530 | 587 | 586 |
| 553 | 530 | 531 | 588 | 587 |
| 554 | 531 | 532 | 589 | 588 |
| 555 | 532 | 533 | 590 | 589 |
| 556 | 533 | 534 | 591 | 590 |
| 557 | 534 | 535 | 592 | 591 |
| 614 | 536 | 537 | 594 | 593 |
| 615 | 537 | 538 | 595 | 594 |
| 616 | 538 | 539 | 596 | 595 |
| 617 | 539 | 540 | 597 | 596 |
| 618 | 540 | 541 | 598 | 597 |

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|---|---|---|---|---|
| 619 | 541 | 542 | 599 | 598 |
| 620 | 542 | 543 | 600 | 599 |
| 621 | 543 | 544 | 601 | 600 |
| 622 | 544 | 545 | 602 | 601 |
| 623 | 545 | 546 | 603 | 602 |
| 624 | 546 | 547 | 604 | 603 |
| 625 | 547 | 548 | 605 | 604 |
| 626 | 548 | 549 | 606 | 605 |
| 627 | 549 | 550 | 607 | 606 |
| 628 | 550 | 551 | 608 | 607 |
| 629 | 551 | 552 | 609 | 608 |
| 630 | 552 | 553 | 610 | 609 |
| 631 | 553 | 554 | 611 | 610 |
| 632 | 554 | 555 | 612 | 611 |
| 633 | 555 | 556 | 613 | 612 |
| 634 | 556 | 557 | 614 | 613 |
| 635 | 557 | 558 | 615 | 614 |
| 636 | 558 | 559 | 616 | 615 |
| 637 | 559 | 560 | 617 | 616 |
| 638 | 560 | 561 | 618 | 617 |
| 639 | 561 | 562 | 619 | 618 |
| 640 | 562 | 563 | 620 | 619 |
| 641 | 563 | 564 | 621 | 620 |
| 642 | 564 | 565 | 622 | 621 |
| 643 | 565 | 566 | 623 | 622 |
| 644 | 566 | 567 | 624 | 623 |
| 645 | 567 | 568 | 625 | 624 |
| 646 | 568 | 569 | 626 | 625 |
| 647 | 569 | 570 | 627 | 626 |
| 648 | 570 | 571 | 628 | 627 |
| 649 | 571 | 572 | 629 | 628 |
| 650 | 572 | 573 | 630 | 629 |
| 651 | 573 | 574 | 631 | 630 |
| 652 | 574 | 575 | 632 | 631 |
| 653 | 575 | 576 | 633 | 632 |
| 654 | 576 | 577 | 634 | 633 |
| 655 | 577 | 578 | 635 | 634 |
| 656 | 578 | 579 | 636 | 635 |
| 657 | 579 | 580 | 637 | 636 |
| 658 | 580 | 581 | 638 | 637 |
| 659 | 581 | 582 | 639 | 638 |
| 660 | 582 | 583 | 640 | 639 |
| 661 | 583 | 584 | 641 | 640 |
| 662 | 584 | 585 | 642 | 641 |
| 663 | 585 | 586 | 643 | 642 |
| 664 | 586 | 587 | 644 | 643 |
| 665 | 587 | 588 | 645 | 644 |
| 666 | 588 | 589 | 646 | 645 |
| 667 | 589 | 590 | 647 | 646 |
| 668 | 590 | 591 | 648 | 647 |
| 669 | 591 | 592 | 649 | 648 |
| 670 | 593 | 594 | 651 | 650 |
| 671 | 594 | 595 | 652 | 651 |
| 672 | 595 | 596 | 653 | 652 |
| 673 | 596 | 597 | 654 | 653 |
| 674 | 597 | 598 | 655 | 654 |
| 675 | 598 | 599 | 656 | 655 |
| 676 | 599 | 600 | 657 | 656 |
| 677 | 600 | 601 | 658 | 657 |
| 678 | 601 | 602 | 659 | 658 |
| 679 | 602 | 603 | 660 | 659 |
| 680 | 603 | 604 | 661 | 660 |
| 681 | 604 | 605 | 662 | 661 |
| 682 | 605 | 606 | 663 | 662 |
| 683 | 606 | 607 | 664 | 663 |
| 684 | 607 | 608 | 665 | 664 |
| 685 | 608 | 609 | 666 | 665 |
| 686 | 609 | 610 | 667 | 666 |
| 687 | 610 | 611 | 668 | 667 |
| 688 | 611 | 612 | 669 | 668 |
| 689 | 612 | 613 | 670 | 669 |
| 690 | 613 | 614 | 671 | 670 |
| 691 | 614 | 615 | 672 | 671 |

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|---|---|---|---|---|
| 692 | 615 | 616 | 673 | 672 |
| 693 | 616 | 617 | 674 | 673 |
| 694 | 617 | 618 | 675 | 674 |
| 695 | 618 | 619 | 676 | 675 |
| 696 | 619 | 620 | 677 | 676 |
| 697 | 620 | 621 | 678 | 677 |
| 698 | 621 | 622 | 679 | 678 |
| 699 | 622 | 623 | 680 | 679 |
| 700 | 623 | 624 | 681 | 680 |
| 701 | 624 | 625 | 682 | 681 |
| 702 | 625 | 626 | 683 | 682 |
| 703 | 626 | 627 | 684 | 683 |
| 704 | 627 | 628 | 685 | 684 |
| 705 | 628 | 629 | 686 | 685 |
| 706 | 629 | 630 | 687 | 686 |
| 707 | 630 | 631 | 688 | 687 |
| 708 | 631 | 632 | 689 | 688 |
| 709 | 632 | 633 | 690 | 689 |
| 710 | 633 | 634 | 691 | 690 |
| 711 | 634 | 635 | 692 | 691 |
| 712 | 635 | 636 | 693 | 692 |
| 713 | 636 | 637 | 694 | 693 |
| 714 | 637 | 638 | 695 | 694 |
| 715 | 638 | 639 | 696 | 695 |
| 716 | 639 | 640 | 697 | 696 |
| 717 | 640 | 641 | 698 | 697 |
| 718 | 641 | 642 | 699 | 698 |
| 719 | 642 | 643 | 700 | 699 |
| 720 | 643 | 644 | 701 | 700 |
| 721 | 644 | 645 | 702 | 701 |
| 722 | 645 | 646 | 703 | 702 |
| 723 | 646 | 647 | 704 | 703 |
| 724 | 647 | 648 | 705 | 704 |
| 725 | 648 | 649 | 706 | 705 |
| 726 | 650 | 651 | 708 | 707 |
| 727 | 651 | 652 | 709 | 708 |
| 728 | 652 | 653 | 710 | 709 |
| 729 | 653 | 654 | 711 | 710 |
| 730 | 654 | 655 | 712 | 711 |
| 731 | 655 | 656 | 713 | 712 |
| 732 | 656 | 657 | 714 | 713 |
| 733 | 657 | 658 | 715 | 714 |
| 734 | 658 | 659 | 716 | 715 |
| 735 | 659 | 660 | 717 | 716 |
| 736 | 660 | 661 | 718 | 717 |
| 737 | 661 | 662 | 719 | 718 |
| 738 | 662 | 663 | 720 | 719 |
| 739 | 663 | 664 | 721 | 720 |
| 740 | 664 | 665 | 722 | 721 |
| 741 | 665 | 666 | 723 | 722 |
| 742 | 666 | 667 | 724 | 723 |
| 743 | 667 | 668 | 725 | 724 |
| 744 | 668 | 669 | 726 | 725 |
| 745 | 669 | 670 | 727 | 726 |
| 746 | 670 | 671 | 728 | 727 |
| 747 | 671 | 672 | 729 | 728 |
| 748 | 672 | 673 | 730 | 729 |
| 749 | 673 | 674 | 731 | 730 |
| 750 | 674 | 675 | 732 | 731 |
| 751 | 675 | 676 | 733 | 732 |
| 752 | 676 | 677 | 734 | 733 |
| 753 | 677 | 678 | 735 | 734 |
| 754 | 678 | 679 | 736 | 735 |
| 755 | 679 | 680 | 737 | 736 |
| 756 | 680 | 681 | 738 | 737 |
| 757 | 681 | 682 | 739 | 738 |
| 758 | 682 | 683 | 740 | 739 |
| 759 | 683 | 684 | 741 | 740 |
| 760 | 684 | 685 | 742 | 741 |
| 761 | 685 | 686 | 743 | 742 |
| 762 | 686 | 687 | 744 | 743 |
| 763 | 687 | 688 | 745 | 744 |
| 764 | 688 | 689 | 746 | 745 |

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|---|---|---|---|---|
| 765 | 689 | 690 | 747 | 746 |
| 766 | 690 | 691 | 748 | 747 |
| 767 | 691 | 692 | 749 | 748 |
| 768 | 692 | 693 | 750 | 749 |
| 769 | 693 | 694 | 751 | 750 |
| 770 | 694 | 695 | 752 | 751 |
| 771 | 695 | 696 | 753 | 752 |
| 772 | 696 | 697 | 754 | 753 |
| 773 | 697 | 698 | 755 | 754 |
| 774 | 698 | 699 | 756 | 755 |
| 775 | 699 | 700 | 757 | 756 |
| 776 | 700 | 701 | 758 | 757 |
| 777 | 701 | 702 | 759 | 758 |
| 778 | 702 | 703 | 760 | 759 |
| 779 | 703 | 704 | 761 | 760 |
| 780 | 704 | 705 | 762 | 761 |
| 781 | 705 | 706 | 763 | 762 |
| 782 | 707 | 708 | 765 | 764 |
| 783 | 708 | 709 | 766 | 765 |
| 784 | 709 | 710 | 767 | 766 |
| 785 | 710 | 711 | 768 | 767 |
| 786 | 711 | 712 | 769 | 768 |
| 787 | 712 | 713 | 770 | 769 |
| 788 | 713 | 714 | 771 | 770 |
| 789 | 714 | 715 | 772 | 771 |
| 790 | 715 | 716 | 773 | 772 |
| 791 | 716 | 717 | 774 | 773 |
| 792 | 717 | 718 | 775 | 774 |
| 793 | 718 | 719 | 776 | 775 |
| 794 | 719 | 720 | 777 | 776 |
| 795 | 720 | 721 | 778 | 777 |
| 796 | 721 | 722 | 779 | 778 |
| 797 | 722 | 723 | 780 | 779 |
| 798 | 723 | 724 | 781 | 780 |
| 799 | 724 | 725 | 782 | 781 |
| 800 | 725 | 726 | 783 | 782 |
| 801 | 726 | 727 | 784 | 783 |
| 802 | 727 | 728 | 785 | 784 |
| 803 | 728 | 729 | 786 | 785 |
| 804 | 729 | 730 | 787 | 786 |
| 805 | 730 | 731 | 788 | 787 |
| 806 | 731 | 732 | 789 | 788 |
| 807 | 732 | 733 | 790 | 789 |
| 808 | 733 | 734 | 791 | 790 |
| 809 | 734 | 735 | 792 | 791 |
| 810 | 735 | 736 | 793 | 792 |
| 811 | 736 | 737 | 794 | 793 |
| 812 | 737 | 738 | 795 | 794 |
| 813 | 738 | 739 | 796 | 795 |
| 814 | 739 | 740 | 797 | 796 |
| 815 | 740 | 741 | 798 | 797 |
| 816 | 741 | 742 | 799 | 798 |
| 817 | 742 | 743 | 800 | 799 |
| 818 | 743 | 744 | 801 | 800 |
| 819 | 744 | 745 | 802 | 801 |
| 820 | 745 | 746 | 803 | 802 |
| 821 | 746 | 747 | 804 | 803 |
| 822 | 747 | 748 | 805 | 804 |
| 823 | 748 | 749 | 806 | 805 |
| 824 | 749 | 750 | 807 | 806 |
| 825 | 750 | 751 | 808 | 807 |
| 826 | 751 | 752 | 809 | 808 |
| 827 | 752 | 753 | 810 | 809 |
| 828 | 753 | 754 | 811 | 810 |
| 829 | 754 | 755 | 812 | 811 |
| 830 | 755 | 756 | 813 | 812 |
| 831 | 756 | 757 | 814 | 813 |
| 832 | 757 | 758 | 815 | 814 |
| 833 | 758 | 759 | 816 | 815 |
| 834 | 759 | 760 | 817 | 816 |
| 835 | 760 | 761 | 818 | 817 |
| 836 | 761 | 762 | 819 | 818 |
| 837 | 762 | 763 | 820 | 819 |

| | | | | |
|---|---|---|---|---|
| 894 | 764 | 765 | 822 | 821 |
| 895 | 765 | 766 | 823 | 822 |
| 896 | 766 | 767 | 824 | 823 |
| 897 | 767 | 768 | 825 | 824 |
| 898 | 768 | 769 | 826 | 825 |
| 899 | 769 | 770 | 827 | 826 |
| 900 | 770 | 771 | 828 | 827 |
| 901 | 771 | 772 | 829 | 828 |
| 902 | 772 | 773 | 830 | 829 |
| 903 | 773 | 774 | 831 | 830 |
| 904 | 774 | 775 | 832 | 831 |
| 905 | 775 | 776 | 833 | 832 |
| 906 | 776 | 777 | 834 | 833 |
| 907 | 777 | 778 | 835 | 834 |
| 908 | 778 | 779 | 836 | 835 |
| 909 | 779 | 780 | 837 | 836 |
| 910 | 780 | 781 | 838 | 837 |
| 911 | 781 | 782 | 839 | 838 |
| 912 | 782 | 783 | 840 | 839 |
| 913 | 783 | 784 | 841 | 840 |
| 914 | 784 | 785 | 842 | 841 |
| 915 | 785 | 786 | 843 | 842 |
| 916 | 786 | 787 | 844 | 843 |
| 917 | 787 | 788 | 845 | 844 |
| 918 | 788 | 789 | 846 | 845 |
| 919 | 789 | 790 | 847 | 846 |
| 920 | 790 | 791 | 848 | 847 |
| 921 | 791 | 792 | 849 | 848 |
| 922 | 792 | 793 | 850 | 849 |
| 923 | 793 | 794 | 851 | 850 |
| 924 | 794 | 795 | 852 | 851 |
| 925 | 795 | 796 | 853 | 852 |
| 926 | 796 | 797 | 854 | 853 |
| 927 | 797 | 798 | 855 | 854 |
| 928 | 798 | 799 | 856 | 855 |
| 929 | 799 | 800 | 857 | 856 |
| 930 | 800 | 801 | 858 | 857 |
| 931 | 801 | 802 | 859 | 858 |
| 932 | 802 | 803 | 860 | 859 |
| 933 | 803 | 804 | 861 | 860 |
| 934 | 804 | 805 | 862 | 861 |
| 935 | 805 | 806 | 863 | 862 |
| 936 | 806 | 807 | 864 | 863 |
| 937 | 807 | 808 | 865 | 864 |
| 938 | 808 | 809 | 866 | 865 |
| 939 | 809 | 810 | 867 | 866 |
| 940 | 810 | 811 | 868 | 867 |
| 941 | 811 | 812 | 869 | 868 |
| 942 | 812 | 813 | 870 | 869 |
| 943 | 813 | 814 | 871 | 870 |
| 944 | 814 | 815 | 872 | 871 |
| 945 | 815 | 816 | 873 | 872 |
| 946 | 816 | 817 | 874 | 873 |
| 947 | 817 | 818 | 875 | 874 |
| 948 | 818 | 819 | 876 | 875 |
| 949 | 819 | 820 | 877 | 876 |
| 950 | 821 | 822 | 879 | 878 |
| 951 | 822 | 823 | 880 | 879 |
| 952 | 823 | 824 | 881 | 880 |
| 953 | 824 | 825 | 882 | 881 |
| 954 | 825 | 826 | 883 | 882 |
| 955 | 826 | 827 | 884 | 883 |
| 956 | 827 | 828 | 885 | 884 |
| 957 | 828 | 829 | 886 | 885 |
| 958 | 829 | 830 | 887 | 886 |
| 959 | 830 | 831 | 888 | 887 |
| 960 | 831 | 832 | 889 | 888 |
| 961 | 832 | 833 | 890 | 889 |
| 962 | 833 | 834 | 891 | 890 |
| 963 | 834 | 835 | 892 | 891 |
| 964 | 835 | 836 | 893 | 892 |
| 965 | 836 | 837 | 894 | 893 |
| 966 | 837 | 838 | 895 | 894 |

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|---|---|---|---|---|
| 967 | 838 | 839 | 896 | 895 |
| 968 | 839 | 840 | 897 | 896 |
| 969 | 840 | 841 | 898 | 897 |
| 970 | 841 | 842 | 899 | 898 |
| 971 | 842 | 843 | 900 | 899 |
| 972 | 843 | 844 | 901 | 900 |
| 973 | 844 | 845 | 902 | 901 |
| 974 | 845 | 846 | 903 | 902 |
| 975 | 846 | 847 | 904 | 903 |
| 976 | 847 | 848 | 905 | 904 |
| 977 | 848 | 849 | 906 | 905 |
| 978 | 849 | 850 | 907 | 906 |
| 979 | 850 | 851 | 908 | 907 |
| 980 | 851 | 852 | 909 | 908 |
| 981 | 852 | 853 | 910 | 909 |
| 982 | 853 | 854 | 911 | 910 |
| 983 | 854 | 855 | 912 | 911 |
| 984 | 855 | 856 | 913 | 912 |
| 985 | 856 | 857 | 914 | 913 |
| 986 | 857 | 858 | 915 | 914 |
| 987 | 858 | 859 | 916 | 915 |
| 988 | 859 | 860 | 917 | 916 |
| 989 | 860 | 861 | 918 | 917 |
| 990 | 861 | 862 | 919 | 918 |
| 991 | 862 | 863 | 920 | 919 |
| 992 | 863 | 864 | 921 | 920 |
| 993 | 864 | 865 | 922 | 921 |
| 994 | 865 | 866 | 923 | 922 |
| 995 | 866 | 867 | 924 | 923 |
| 996 | 867 | 868 | 925 | 924 |
| 997 | 868 | 869 | 926 | 925 |
| 998 | 869 | 870 | 927 | 926 |
| 999 | 870 | 871 | 928 | 927 |
| 1000 | 871 | 872 | 929 | 928 |
| 1001 | 872 | 873 | 930 | 929 |
| 1002 | 873 | 874 | 931 | 930 |
| 1003 | 874 | 875 | 932 | 931 |
| 1004 | 875 | 876 | 933 | 932 |
| 1005 | 876 | 877 | 934 | 933 |

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | END CONDITIONS (C=CONSTRAINED,F=FREE,R=RESTRAINED) |
|---|---|---|---|---|
| BMI21 | ELEMENTS | | | |
| 2 | 2 | 3 | 1096 | |
| 3 | 3 | 4 | 1093 | |
| 4 | 4 | 5 | 1094 | |
| 5 | 5 | 11 | 1095 | |
| 6 | 6 | 10 | 1106 | |
| 7 | 11 | 7 | 1092 | |
| 8 | 8 | 12 | 1102 | |
| 11 | 10 | 14 | 1103 | |
| 12 | 15 | 11 | 1091 | |
| 13 | 12 | 16 | 1099 | |
| 14 | 18 | 6 | 1105 | |
| 15 | 28 | 7 | 1098 | |
| 16 | 39 | 8 | 1101 | |
| 17 | 14 | 42 | 1104 | |
| 18 | 52 | 15 | 1097 | |
| 19 | 16 | 63 | 1100 | |
| 26 | 17 | 65 | 1153 | |
| 27 | 29 | 66 | 1173 | |
| 28 | 40 | 67 | 1193 | |
| 29 | 41 | 68 | 1109 | |
| 30 | 53 | 69 | 1129 | |
| 31 | 64 | 70 | 1149 | |
| 32 | 19 | 71 | 1293 | |

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| 33 | 20 | 72 | 1157 |
| 34 | 21 | 73 | 1313 |
| 35 | 22 | 74 | 1161 |
| 36 | 23 | 75 | 1333 |
| 37 | 24 | 76 | 1165 |
| 38 | 25 | 77 | 1353 |
| 39 | 26 | 78 | 1169 |
| 40 | 27 | 79 | 1373 |
| 41 | 30 | 80 | 1393 |
| 42 | 31 | 81 | 1177 |
| 43 | 32 | 82 | 1413 |
| 44 | 33 | 83 | 1181 |
| 45 | 34 | 84 | 1433 |
| 46 | 35 | 85 | 1185 |
| 47 | 36 | 86 | 1453 |
| 48 | 37 | 87 | 1189 |
| 49 | 38 | 88 | 1473 |
| 50 | 43 | 89 | 1289 |
| 51 | 44 | 90 | 1113 |
| 52 | 45 | 91 | 1309 |
| 53 | 46 | 92 | 1117 |
| 54 | 47 | 93 | 1329 |
| 55 | 48 | 94 | 1121 |
| 56 | 49 | 95 | 1349 |
| 57 | 50 | 96 | 1125 |
| 58 | 51 | 97 | 1369 |
| 59 | 54 | 98 | 1389 |
| 60 | 55 | 99 | 1133 |
| 61 | 56 | 100 | 1409 |
| 62 | 57 | 101 | 1137 |
| 63 | 58 | 102 | 1429 |
| 64 | 59 | 103 | 1141 |
| 65 | 60 | 104 | 1449 |
| 66 | 61 | 105 | 1145 |
| 67 | 62 | 106 | 1469 |
| 68 | 65 | 107 | 1154 |
| 69 | 66 | 108 | 1174 |
| 70 | 67 | 109 | 1194 |
| 71 | 68 | 110 | 1110 |
| 72 | 69 | 111 | 1130 |
| 73 | 70 | 112 | 1150 |
| 74 | 71 | 113 | 1294 |
| 75 | 72 | 114 | 1158 |
| 76 | 73 | 115 | 1314 |
| 77 | 74 | 116 | 1162 |
| 78 | 75 | 117 | 1334 |
| 79 | 76 | 118 | 1166 |
| 80 | 77 | 119 | 1354 |
| 81 | 78 | 120 | 1170 |
| 82 | 79 | 121 | 1374 |
| 83 | 80 | 122 | 1394 |
| 84 | 81 | 123 | 1178 |
| 85 | 82 | 124 | 1414 |
| 86 | 83 | 125 | 1182 |
| 87 | 84 | 126 | 1434 |
| 88 | 85 | 127 | 1186 |
| 89 | 86 | 128 | 1454 |
| 90 | 87 | 129 | 1190 |
| 91 | 88 | 130 | 1474 |
| 92 | 89 | 131 | 1290 |
| 93 | 90 | 132 | 1114 |
| 94 | 91 | 133 | 1310 |
| 95 | 92 | 134 | 1118 |
| 96 | 93 | 135 | 1330 |
| 97 | 94 | 136 | 1122 |
| 98 | 95 | 137 | 1350 |
| 99 | 96 | 138 | 1126 |
| 100 | 97 | 139 | 1370 |
| 101 | 98 | 140 | 1390 |
| 102 | 99 | 141 | 1134 |
| 103 | 100 | 142 | 1410 |
| 104 | 101 | 143 | 1138 |
| 105 | 102 | 144 | 1430 |

| | | | |
|---|---|---|---|
| 106 | 103 | 145 | 1142 |
| 107 | 104 | 146 | 1450 |
| 108 | 105 | 147 | 1146 |
| 109 | 106 | 148 | 1470 |
| 110 | 107 | 149 | 1151 |
| 111 | 108 | 150 | 1171 |
| 112 | 109 | 151 | 1191 |
| 113 | 110 | 152 | 1107 |
| 114 | 111 | 153 | 1127 |
| 115 | 112 | 154 | 1147 |
| 116 | 113 | 155 | 1291 |
| 117 | 114 | 156 | 1155 |
| 118 | 115 | 157 | 1311 |
| 119 | 116 | 158 | 1159 |
| 120 | 117 | 159 | 1331 |
| 121 | 118 | 160 | 1163 |
| 122 | 119 | 161 | 1351 |
| 123 | 120 | 162 | 1167 |
| 124 | 121 | 163 | 1371 |
| 125 | 122 | 164 | 1391 |
| 126 | 123 | 165 | 1175 |
| 127 | 124 | 166 | 1411 |
| 128 | 125 | 167 | 1179 |
| 129 | 126 | 168 | 1431 |
| 130 | 127 | 169 | 1183 |
| 131 | 128 | 170 | 1451 |
| 132 | 129 | 171 | 1187 |
| 133 | 130 | 172 | 1471 |
| 134 | 131 | 173 | 1287 |
| 135 | 132 | 174 | 1111 |
| 136 | 133 | 175 | 1307 |
| 137 | 134 | 176 | 1115 |
| 138 | 135 | 177 | 1327 |
| 139 | 136 | 178 | 1119 |
| 140 | 137 | 179 | 1347 |
| 141 | 138 | 180 | 1123 |
| 142 | 139 | 181 | 1367 |
| 143 | 140 | 182 | 1387 |
| 144 | 141 | 183 | 1131 |
| 145 | 142 | 184 | 1407 |
| 146 | 143 | 185 | 1135 |
| 147 | 144 | 186 | 1427 |
| 148 | 145 | 187 | 1139 |
| 149 | 146 | 188 | 1447 |
| 150 | 147 | 189 | 1143 |
| 151 | 148 | 190 | 1467 |
| 152 | 149 | 191 | 1152 |
| 153 | 150 | 201 | 1172 |
| 154 | 151 | 211 | 1192 |
| 155 | 152 | 275 | 1108 |
| 156 | 153 | 285 | 1128 |
| 157 | 154 | 295 | 1148 |
| 158 | 155 | 192 | 1292 |
| 159 | 156 | 193 | 1156 |
| 160 | 157 | 194 | 1312 |
| 161 | 158 | 195 | 1160 |
| 162 | 159 | 196 | 1332 |
| 163 | 160 | 197 | 1164 |
| 164 | 161 | 198 | 1352 |
| 165 | 162 | 199 | 1168 |
| 166 | 163 | 200 | 1372 |
| 167 | 164 | 202 | 1392 |
| 168 | 165 | 203 | 1176 |
| 169 | 166 | 204 | 1412 |
| 170 | 167 | 205 | 1180 |
| 171 | 168 | 206 | 1432 |
| 172 | 169 | 207 | 1184 |
| 173 | 170 | 208 | 1452 |
| 174 | 171 | 209 | 1188 |
| 175 | 172 | 210 | 1472 |
| 176 | 173 | 276 | 1288 |
| 177 | 174 | 277 | 1112 |
| 178 | 175 | 278 | 1308 |

| | | | |
|---|---|---|---|
| 179 | 176 | 279 | 1116 |
| 180 | 177 | 280 | 1328 |
| 181 | 178 | 281 | 1120 |
| 182 | 179 | 282 | 1348 |
| 183 | 180 | 283 | 1124 |
| 184 | 181 | 284 | 1368 |
| 185 | 182 | 286 | 1388 |
| 186 | 183 | 287 | 1132 |
| 187 | 184 | 288 | 1408 |
| 188 | 185 | 289 | 1136 |
| 189 | 186 | 290 | 1428 |
| 190 | 187 | 291 | 1140 |
| 191 | 188 | 292 | 1448 |
| 192 | 189 | 293 | 1144 |
| 193 | 190 | 294 | 1468 |
| 194 | 191 | 212 | 1047 |
| 195 | 192 | 213 | 1283 |
| 196 | 193 | 214 | 1051 |
| 197 | 194 | 215 | 1303 |
| 198 | 195 | 216 | 1055 |
| 199 | 196 | 217 | 1323 |
| 200 | 197 | 218 | 1059 |
| 201 | 198 | 219 | 1343 |
| 202 | 199 | 220 | 1063 |
| 203 | 200 | 221 | 1363 |
| 204 | 201 | 222 | 1067 |
| 205 | 202 | 223 | 1383 |
| 206 | 203 | 224 | 1071 |
| 207 | 204 | 225 | 1403 |
| 208 | 205 | 226 | 1075 |
| 209 | 206 | 227 | 1423 |
| 210 | 207 | 228 | 1079 |
| 211 | 208 | 229 | 1443 |
| 212 | 209 | 230 | 1083 |
| 213 | 210 | 231 | 1463 |
| 214 | 211 | 232 | 1087 |
| 215 | 212 | 233 | 1048 |
| 216 | 213 | 234 | 1284 |
| 217 | 214 | 235 | 1052 |
| 218 | 215 | 236 | 1304 |
| 219 | 216 | 237 | 1056 |
| 220 | 217 | 238 | 1324 |
| 221 | 218 | 239 | 1060 |
| 222 | 219 | 240 | 1344 |
| 223 | 220 | 241 | 1064 |
| 224 | 221 | 242 | 1364 |
| 225 | 222 | 243 | 1068 |
| 226 | 223 | 244 | 1384 |
| 227 | 224 | 245 | 1072 |
| 228 | 225 | 246 | 1404 |
| 229 | 226 | 247 | 1076 |
| 230 | 227 | 248 | 1424 |
| 231 | 228 | 249 | 1080 |
| 232 | 229 | 250 | 1444 |
| 233 | 230 | 251 | 1084 |
| 234 | 231 | 252 | 1464 |
| 235 | 232 | 253 | 1088 |
| 236 | 233 | 254 | 1049 |
| 237 | 234 | 255 | 1285 |
| 238 | 235 | 256 | 1053 |
| 239 | 236 | 257 | 1305 |
| 240 | 237 | 258 | 1057 |
| 241 | 238 | 259 | 1325 |
| 242 | 239 | 260 | 1061 |
| 243 | 240 | 261 | 1345 |
| 244 | 241 | 262 | 1065 |
| 245 | 242 | 263 | 1365 |
| 246 | 243 | 264 | 1069 |
| 247 | 244 | 265 | 1385 |
| 248 | 245 | 266 | 1073 |
| 249 | 246 | 267 | 1405 |
| 250 | 247 | 268 | 1077 |
| 251 | 248 | 269 | 1425 |

| | | | |
|---|---|---|---|
| 252 | 249 | 270 | 1081 |
| 253 | 250 | 271 | 1445 |
| 254 | 251 | 272 | 1085 |
| 255 | 252 | 273 | 1465 |
| 256 | 253 | 274 | 1089 |
| 257 | 254 | 275 | 1050 |
| 258 | 255 | 276 | 1286 |
| 259 | 256 | 277 | 1054 |
| 260 | 257 | 278 | 1306 |
| 261 | 258 | 279 | 1058 |
| 262 | 259 | 280 | 1326 |
| 263 | 260 | 281 | 1062 |
| 264 | 261 | 282 | 1346 |
| 265 | 262 | 283 | 1066 |
| 266 | 263 | 284 | 1366 |
| 267 | 264 | 285 | 1070 |
| 268 | 265 | 286 | 1386 |
| 269 | 266 | 287 | 1074 |
| 270 | 267 | 288 | 1406 |
| 271 | 268 | 289 | 1078 |
| 272 | 269 | 290 | 1426 |
| 273 | 270 | 291 | 1082 |
| 274 | 271 | 292 | 1446 |
| 275 | 272 | 293 | 1086 |
| 276 | 273 | 294 | 1466 |
| 277 | 274 | 295 | 1090 |
| 278 | 192 | 296 | 1301 |
| 279 | 193 | 297 | 1245 |
| 280 | 194 | 298 | 1321 |
| 281 | 195 | 299 | 1249 |
| 282 | 196 | 300 | 1341 |
| 283 | 197 | 301 | 1253 |
| 284 | 198 | 302 | 1361 |
| 285 | 199 | 303 | 1257 |
| 286 | 200 | 304 | 1381 |
| 287 | 202 | 305 | 1401 |
| 288 | 203 | 306 | 1265 |
| 289 | 204 | 307 | 1421 |
| 290 | 205 | 308 | 1269 |
| 291 | 206 | 309 | 1441 |
| 292 | 207 | 310 | 1273 |
| 293 | 208 | 311 | 1461 |
| 294 | 209 | 312 | 1277 |
| 295 | 210 | 313 | 1481 |
| 296 | 276 | 314 | 1297 |
| 297 | 277 | 315 | 1201 |
| 298 | 278 | 316 | 1317 |
| 299 | 279 | 317 | 1205 |
| 300 | 280 | 318 | 1337 |
| 301 | 281 | 319 | 1209 |
| 302 | 282 | 320 | 1357 |
| 303 | 283 | 321 | 1213 |
| 304 | 284 | 322 | 1377 |
| 305 | 286 | 323 | 1397 |
| 306 | 287 | 324 | 1221 |
| 307 | 288 | 325 | 1417 |
| 308 | 289 | 326 | 1225 |
| 309 | 290 | 327 | 1437 |
| 310 | 291 | 328 | 1229 |
| 311 | 292 | 329 | 1457 |
| 312 | 293 | 330 | 1233 |
| 313 | 294 | 331 | 1477 |
| 314 | 191 | 332 | 1241 |
| 315 | 201 | 333 | 1261 |
| 316 | 211 | 334 | 1281 |
| 317 | 275 | 335 | 1197 |
| 318 | 285 | 336 | 1217 |
| 319 | 295 | 337 | 1237 |
| 320 | 296 | 338 | 1302 |
| 321 | 297 | 339 | 1246 |
| 322 | 298 | 340 | 1322 |
| 323 | 299 | 341 | 1250 |
| 324 | 300 | 342 | 1342 |

| | | | |
|---|---|---|---|
| 325 | 301 | 343 | 1254 |
| 326 | 302 | 344 | 1362 |
| 327 | 303 | 345 | 1258 |
| 328 | 304 | 346 | 1382 |
| 329 | 305 | 347 | 1402 |
| 330 | 306 | 348 | 1266 |
| 331 | 307 | 349 | 1422 |
| 332 | 308 | 350 | 1270 |
| 333 | 309 | 351 | 1442 |
| 334 | 310 | 352 | 1274 |
| 335 | 311 | 353 | 1462 |
| 336 | 312 | 354 | 1278 |
| 337 | 313 | 355 | 1482 |
| 338 | 314 | 356 | 1298 |
| 339 | 315 | 357 | 1202 |
| 340 | 316 | 358 | 1318 |
| 341 | 317 | 359 | 1206 |
| 342 | 318 | 360 | 1338 |
| 343 | 319 | 361 | 1210 |
| 344 | 320 | 362 | 1358 |
| 345 | 321 | 363 | 1214 |
| 346 | 322 | 364 | 1378 |
| 347 | 323 | 365 | 1398 |
| 348 | 324 | 366 | 1222 |
| 349 | 325 | 367 | 1418 |
| 350 | 326 | 368 | 1226 |
| 351 | 327 | 369 | 1438 |
| 352 | 328 | 370 | 1230 |
| 353 | 329 | 371 | 1458 |
| 354 | 330 | 372 | 1234 |
| 355 | 331 | 373 | 1478 |
| 356 | 332 | 374 | 1242 |
| 357 | 333 | 375 | 1262 |
| 358 | 334 | 376 | 1282 |
| 359 | 335 | 377 | 1198 |
| 360 | 336 | 378 | 1218 |
| 361 | 337 | 379 | 1238 |
| 362 | 338 | 380 | 1299 |
| 363 | 339 | 381 | 1243 |
| 364 | 340 | 382 | 1319 |
| 365 | 341 | 383 | 1247 |
| 366 | 342 | 384 | 1339 |
| 367 | 343 | 385 | 1251 |
| 368 | 344 | 386 | 1359 |
| 369 | 345 | 387 | 1255 |
| 370 | 346 | 388 | 1379 |
| 371 | 347 | 389 | 1399 |
| 372 | 348 | 390 | 1263 |
| 373 | 349 | 391 | 1419 |
| 374 | 350 | 392 | 1267 |
| 375 | 351 | 393 | 1439 |
| 376 | 352 | 394 | 1271 |
| 377 | 353 | 395 | 1459 |
| 378 | 354 | 396 | 1275 |
| 379 | 355 | 397 | 1479 |
| 380 | 356 | 398 | 1295 |
| 381 | 357 | 399 | 1199 |
| 382 | 358 | 400 | 1315 |
| 383 | 359 | 401 | 1203 |
| 384 | 360 | 402 | 1335 |
| 385 | 361 | 403 | 1207 |
| 386 | 362 | 404 | 1355 |
| 387 | 363 | 405 | 1211 |
| 388 | 364 | 406 | 1375 |
| 389 | 365 | 407 | 1395 |
| 390 | 366 | 408 | 1219 |
| 391 | 367 | 409 | 1415 |
| 392 | 368 | 410 | 1223 |
| 393 | 369 | 411 | 1435 |
| 394 | 370 | 412 | 1227 |
| 395 | 371 | 413 | 1455 |
| 396 | 372 | 414 | 1231 |
| 397 | 373 | 415 | 1475 |

| | | | |
|---|---|---|---|
| 398 | 374 | 416 | 1239 |
| 399 | 375 | 417 | 1259 |
| 400 | 376 | 418 | 1279 |
| 401 | 377 | 419 | 1195 |
| 402 | 378 | 420 | 1215 |
| 403 | 379 | 421 | 1235 |
| 404 | 380 | 539 | 1300 |
| 405 | 381 | 542 | 1244 |
| 406 | 382 | 544 | 1320 |
| 407 | 383 | 547 | 1248 |
| 408 | 384 | 550 | 1340 |
| 409 | 385 | 552 | 1252 |
| 410 | 386 | 555 | 1360 |
| 411 | 387 | 558 | 1256 |
| 412 | 388 | 560 | 1380 |
| 413 | 389 | 566 | 1400 |
| 414 | 390 | 568 | 1264 |
| 415 | 391 | 571 | 1420 |
| 416 | 392 | 574 | 1268 |
| 417 | 393 | 577 | 1440 |
| 418 | 394 | 580 | 1272 |
| 419 | 395 | 583 | 1460 |
| 420 | 396 | 586 | 1276 |
| 421 | 397 | 589 | 1480 |
| 422 | 398 | 767 | 1296 |
| 423 | 399 | 770 | 1200 |
| 424 | 400 | 772 | 1316 |
| 425 | 401 | 775 | 1204 |
| 426 | 402 | 778 | 1336 |
| 427 | 403 | 780 | 1208 |
| 428 | 404 | 783 | 1356 |
| 429 | 405 | 786 | 1212 |
| 430 | 406 | 788 | 1376 |
| 431 | 407 | 794 | 1396 |
| 432 | 408 | 796 | 1220 |
| 433 | 409 | 799 | 1416 |
| 434 | 410 | 802 | 1224 |
| 435 | 411 | 805 | 1436 |
| 436 | 412 | 808 | 1228 |
| 437 | 413 | 811 | 1456 |
| 438 | 414 | 814 | 1232 |
| 439 | 415 | 817 | 1476 |
| 440 | 416 | 536 | 1240 |
| 441 | 417 | 563 | 1260 |
| 442 | 418 | 592 | 1280 |
| 443 | 419 | 764 | 1196 |
| 444 | 420 | 791 | 1216 |
| 445 | 421 | 820 | 1236 |
| 558 | 536 | 537 | 949 |
| 559 | 537 | 538 | 950 |
| 560 | 538 | 539 | 951 |
| 561 | 539 | 540 | 952 |
| 562 | 540 | 541 | 953 |
| 563 | 541 | 542 | 954 |
| 564 | 542 | 543 | 935 |
| 565 | 543 | 544 | 961 |
| 566 | 544 | 545 | 962 |
| 567 | 545 | 546 | 963 |
| 568 | 546 | 547 | 964 |
| 569 | 547 | 548 | 969 |
| 570 | 548 | 549 | 970 |
| 571 | 549 | 550 | 971 |
| 572 | 550 | 551 | 972 |
| 573 | 551 | 552 | 936 |
| 574 | 552 | 553 | 977 |
| 575 | 553 | 554 | 978 |
| 576 | 554 | 555 | 979 |
| 577 | 555 | 556 | 980 |
| 578 | 556 | 557 | 981 |
| 579 | 557 | 558 | 982 |
| 580 | 558 | 559 | 937 |
| 581 | 559 | 560 | 989 |
| 582 | 560 | 561 | 990 |

| | | | |
|---|---|---|---|
| 583 | 561 | 562 | 991 |
| 584 | 562 | 563 | 992 |
| 585 | 563 | 564 | 997 |
| 586 | 564 | 565 | 998 |
| 587 | 565 | 566 | 999 |
| 588 | 566 | 567 | 1000 |
| 589 | 567 | 568 | 938 |
| 590 | 568 | 569 | 1005 |
| 591 | 569 | 570 | 1006 |
| 592 | 570 | 571 | 1007 |
| 593 | 571 | 572 | 1008 |
| 594 | 572 | 573 | 1009 |
| 595 | 573 | 574 | 1010 |
| 596 | 574 | 575 | 947 |
| 597 | 575 | 576 | 1017 |
| 598 | 576 | 577 | 1018 |
| 599 | 577 | 578 | 1019 |
| 600 | 578 | 579 | 1020 |
| 601 | 579 | 580 | 1021 |
| 602 | 580 | 581 | 1027 |
| 603 | 581 | 582 | 1028 |
| 604 | 582 | 583 | 1029 |
| 605 | 583 | 584 | 1030 |
| 606 | 584 | 585 | 939 |
| 607 | 585 | 586 | 940 |
| 608 | 586 | 587 | 1035 |
| 609 | 587 | 588 | 1036 |
| 610 | 588 | 589 | 1037 |
| 611 | 589 | 590 | 1038 |
| 612 | 590 | 591 | 1039 |
| 613 | 591 | 592 | 1040 |
| 838 | 764 | 765 | 955 |
| 839 | 765 | 766 | 956 |
| 840 | 766 | 767 | 957 |
| 841 | 767 | 768 | 958 |
| 842 | 768 | 769 | 959 |
| 843 | 769 | 770 | 960 |
| 844 | 770 | 771 | 941 |
| 845 | 771 | 772 | 965 |
| 846 | 772 | 773 | 966 |
| 847 | 773 | 774 | 967 |
| 848 | 774 | 775 | 968 |
| 849 | 775 | 776 | 973 |
| 850 | 776 | 777 | 974 |
| 851 | 777 | 778 | 975 |
| 852 | 778 | 779 | 976 |
| 853 | 779 | 780 | 942 |
| 854 | 780 | 781 | 983 |
| 855 | 781 | 782 | 984 |
| 856 | 782 | 783 | 985 |
| 857 | 783 | 784 | 986 |
| 858 | 784 | 785 | 987 |
| 859 | 785 | 786 | 988 |
| 860 | 786 | 787 | 943 |
| 861 | 787 | 788 | 993 |
| 862 | 788 | 789 | 994 |
| 863 | 789 | 790 | 995 |
| 864 | 790 | 791 | 996 |
| 865 | 791 | 792 | 1001 |
| 866 | 792 | 793 | 1002 |
| 867 | 793 | 794 | 1003 |
| 868 | 794 | 795 | 1004 |
| 869 | 795 | 796 | 944 |
| 870 | 796 | 797 | 1011 |
| 871 | 797 | 798 | 1012 |
| 872 | 798 | 799 | 1013 |
| 873 | 799 | 800 | 1014 |
| 874 | 800 | 801 | 1015 |
| 875 | 801 | 802 | 1016 |
| 876 | 802 | 803 | 948 |
| 877 | 803 | 804 | 1022 |
| 878 | 804 | 805 | 1023 |
| 879 | 805 | 806 | 1024 |

| | | | |
|---|---|---|---|
| 880 | 806 | 807 | 1025 |
| 881 | 807 | 808 | 1026 |
| 882 | 808 | 809 | 1031 |
| 883 | 809 | 810 | 1032 |
| 884 | 810 | 811 | 1033 |
| 885 | 811 | 812 | 1034 |
| 886 | 812 | 813 | 945 |
| 887 | 813 | 814 | 946 |
| 888 | 814 | 815 | 1041 |
| 889 | 815 | 816 | 1042 |
| 890 | 816 | 817 | 1043 |
| 891 | 817 | 818 | 1044 |
| 892 | 818 | 819 | 1045 |
| 893 | 819 | 820 | 1046 |

TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST NODE NUMBER = 1500

D E F A U L T S O L V E R C H O S E N

N O D E C O O R D I N A T E S

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|---|---|---|---|
| 1 | 40.0000 | 5.62500 | -8.60000 |
| 2 | 40.0000 | 5.62500 | -8.60000 |
| 3 | 40.0000 | 5.62500 | -6.80000 |
| 4 | 40.0000 | 5.62500 | -5.46667 |
| 5 | 40.0000 | 5.62500 | -4.13333 |
| 6 | 0.000000E+00 | 2.35000 | -2.80000 |
| 7 | 40.0000 | 2.35000 | -2.80000 |
| 8 | 81.0000 | 2.35000 | -2.80000 |
| 9 | 0.000000E+00 | 5.62500 | -2.80000 |
| 10 | 0.000000E+00 | 5.62500 | -2.80000 |
| 11 | 40.0000 | 5.62500 | -2.80000 |
| 12 | 81.0000 | 5.62500 | -2.80000 |
| 13 | 81.0000 | 5.62500 | -2.80000 |
| 14 | 0.000000E+00 | 8.90000 | -2.80000 |
| 15 | 40.0000 | 8.90000 | -2.80000 |
| 16 | 81.0000 | 8.90000 | -2.80000 |
| 17 | 0.000000E+00 | 2.35000 | -2.30000 |
| 18 | 0.000000E+00 | 2.35000 | -2.30000 |
| 19 | 4.00000 | 2.35000 | -2.30000 |
| 20 | 8.00000 | 2.35000 | -2.30000 |
| 21 | 12.0000 | 2.35000 | -2.30000 |
| 22 | 16.0000 | 2.35000 | -2.30000 |
| 23 | 20.0000 | 2.35000 | -2.30000 |
| 24 | 24.0000 | 2.35000 | -2.30000 |
| 25 | 28.0000 | 2.35000 | -2.30000 |
| 26 | 32.0000 | 2.35000 | -2.30000 |
| 27 | 36.0000 | 2.35000 | -2.30000 |
| 28 | 40.0000 | 2.35000 | -2.30000 |
| 29 | 40.0000 | 2.35000 | -2.30000 |
| 30 | 44.0000 | 2.35000 | -2.30000 |
| 31 | 48.0000 | 2.35000 | -2.30000 |
| 32 | 52.2500 | 2.35000 | -2.30000 |
| 33 | 56.5000 | 2.35000 | -2.30000 |
| 34 | 60.7500 | 2.35000 | -2.30000 |
| 35 | 65.0000 | 2.35000 | -2.30000 |
| 36 | 69.0000 | 2.35000 | -2.30000 |
| 37 | 73.0000 | 2.35000 | -2.30000 |
| 38 | 77.0000 | 2.35000 | -2.30000 |
| 39 | 81.0000 | 2.35000 | -2.30000 |
| 40 | 81.0000 | 2.35000 | -2.30000 |

| | | | |
|---|---|---|---|
| 41 | 0.000000E+00 | 8.90000 | -2.30000 |
| 42 | 0.000000E+00 | 8.90000 | -2.30000 |
| 43 | 4.00000 | 8.90000 | -2.30000 |
| 44 | 8.00000 | 8.90000 | -2.30000 |
| 45 | 12.0000 | 8.90000 | -2.30000 |
| 46 | 16.0000 | 8.90000 | -2.30000 |
| 47 | 20.0000 | 8.90000 | -2.30000 |
| 48 | 24.0000 | 8.90000 | -2.30000 |
| 49 | 28.0000 | 8.90000 | -2.30000 |
| 50 | 32.0000 | 8.90000 | -2.30000 |
| 51 | 36.0000 | 8.90000 | -2.30000 |
| 52 | 40.0000 | 8.90000 | -2.30000 |
| 53 | 40.0000 | 8.90000 | -2.30000 |
| 54 | 44.0000 | 8.90000 | -2.30000 |
| 55 | 48.0000 | 8.90000 | -2.30000 |
| 56 | 52.2500 | 8.90000 | -2.30000 |
| 57 | 56.5000 | 8.90000 | -2.30000 |
| 58 | 60.7500 | 8.90000 | -2.30000 |
| 59 | 65.0000 | 8.90000 | -2.30000 |
| 60 | 69.0000 | 8.90000 | -2.30000 |
| 61 | 73.0000 | 8.90000 | -2.30000 |
| 62 | 77.0000 | 8.90000 | -2.30000 |
| 63 | 81.0000 | 8.90000 | -2.30000 |
| 64 | 81.0000 | 8.90000 | -2.30000 |
| 65 | 0.000000E+00 | 2.35000 | -2.02500 |
| 66 | 40.0000 | 2.35000 | -2.02500 |
| 67 | 81.0000 | 2.35000 | -2.02500 |
| 68 | 0.000000E+00 | 8.90000 | -2.02500 |
| 69 | 40.0000 | 8.90000 | -2.02500 |
| 70 | 81.0000 | 8.90000 | -2.02500 |
| 71 | 4.00000 | 2.35000 | -1.89750 |
| 72 | 8.00000 | 2.35000 | -1.89750 |
| 73 | 12.0000 | 2.35000 | -1.89750 |
| 74 | 16.0000 | 2.35000 | -1.89750 |
| 75 | 20.0000 | 2.35000 | -1.89750 |
| 76 | 24.0000 | 2.35000 | -1.89750 |
| 77 | 28.0000 | 2.35000 | -1.89750 |
| 78 | 32.0000 | 2.35000 | -1.89750 |
| 79 | 36.0000 | 2.35000 | -1.89750 |
| 80 | 44.0000 | 2.35000 | -1.89750 |
| 81 | 48.0000 | 2.35000 | -1.89750 |
| 82 | 52.2500 | 2.35000 | -1.89750 |
| 83 | 56.5000 | 2.35000 | -1.89750 |
| 84 | 60.7500 | 2.35000 | -1.89750 |
| 85 | 65.0000 | 2.35000 | -1.89750 |
| 86 | 69.0000 | 2.35000 | -1.89750 |
| 87 | 73.0000 | 2.35000 | -1.89750 |
| 88 | 77.0000 | 2.35000 | -1.89750 |
| 89 | 4.00000 | 8.90000 | -1.89750 |
| 90 | 8.00000 | 8.90000 | -1.89750 |
| 91 | 12.0000 | 8.90000 | -1.89750 |
| 92 | 16.0000 | 8.90000 | -1.89750 |
| 93 | 20.0000 | 8.90000 | -1.89750 |
| 94 | 24.0000 | 8.90000 | -1.89750 |
| 95 | 28.0000 | 8.90000 | -1.89750 |
| 96 | 32.0000 | 8.90000 | -1.89750 |
| 97 | 36.0000 | 8.90000 | -1.89750 |
| 98 | 44.0000 | 8.90000 | -1.89750 |
| 99 | 48.0000 | 8.90000 | -1.89750 |
| 100 | 52.2500 | 8.90000 | -1.89750 |
| 101 | 56.5000 | 8.90000 | -1.89750 |
| 102 | 60.7500 | 8.90000 | -1.89750 |
| 103 | 65.0000 | 8.90000 | -1.89750 |
| 104 | 69.0000 | 8.90000 | -1.89750 |
| 105 | 73.0000 | 8.90000 | -1.89750 |
| 106 | 77.0000 | 8.90000 | -1.89750 |
| 107 | 0.000000E+00 | 2.35000 | -1.75000 |
| 108 | 40.0000 | 2.35000 | -1.75000 |
| 109 | 81.0000 | 2.35000 | -1.75000 |
| 110 | 0.000000E+00 | 8.90000 | -1.75000 |
| 111 | 40.0000 | 8.90000 | -1.75000 |
| 112 | 81.0000 | 8.90000 | -1.75000 |
| 113 | 4.00000 | 2.35000 | -1.49500 |

| | | | |
|---|---|---|---|
| 114 | 8.00000 | 2.35000 | -1.49500 |
| 115 | 12.0000 | 2.35000 | -1.49500 |
| 116 | 16.0000 | 2.35000 | -1.49500 |
| 117 | 20.0000 | 2.35000 | -1.49500 |
| 118 | 24.0000 | 2.35000 | -1.49500 |
| 119 | 28.0000 | 2.35000 | -1.49500 |
| 120 | 32.0000 | 2.35000 | -1.49500 |
| 121 | 36.0000 | 2.35000 | -1.49500 |
| 122 | 44.0000 | 2.35000 | -1.49500 |
| 123 | 48.0000 | 2.35000 | -1.49500 |
| 124 | 52.2500 | 2.35000 | -1.49500 |
| 125 | 56.5000 | 2.35000 | -1.49500 |
| 126 | 60.7500 | 2.35000 | -1.49500 |
| 127 | 65.0000 | 2.35000 | -1.49500 |
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| 129 | 73.0000 | 2.35000 | -1.49500 |
| 130 | 77.0000 | 2.35000 | -1.49500 |
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| 132 | 8.00000 | 8.90000 | -1.49500 |
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| 134 | 16.0000 | 8.90000 | -1.49500 |
| 135 | 20.0000 | 8.90000 | -1.49500 |
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| 137 | 28.0000 | 8.90000 | -1.49500 |
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| 140 | 44.0000 | 8.90000 | -1.49500 |
| 141 | 48.0000 | 8.90000 | -1.49500 |
| 142 | 52.2500 | 8.90000 | -1.49500 |
| 143 | 56.5000 | 8.90000 | -1.49500 |
| 144 | 60.7500 | 8.90000 | -1.49500 |
| 145 | 65.0000 | 8.90000 | -1.49500 |
| 146 | 69.0000 | 8.90000 | -1.49500 |
| 147 | 73.0000 | 8.90000 | -1.49500 |
| 148 | 77.0000 | 8.90000 | -1.49500 |
| 149 | 0.000000E+00 | 2.35000 | -1.42500 |
| 150 | 40.0000 | 2.35000 | -1.42500 |
| 151 | 81.0000 | 2.35000 | -1.42500 |
| 152 | 0.000000E+00 | 8.90000 | -1.42500 |
| 153 | 40.0000 | 8.90000 | -1.42500 |
| 154 | 81.0000 | 8.90000 | -1.42500 |
| 155 | 4.00000 | 2.35000 | -1.29750 |
| 156 | 8.00000 | 2.35000 | -1.29750 |
| 157 | 12.0000 | 2.35000 | -1.29750 |
| 158 | 16.0000 | 2.35000 | -1.29750 |
| 159 | 20.0000 | 2.35000 | -1.29750 |
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| 161 | 28.0000 | 2.35000 | -1.29750 |
| 162 | 32.0000 | 2.35000 | -1.29750 |
| 163 | 36.0000 | 2.35000 | -1.29750 |
| 164 | 44.0000 | 2.35000 | -1.29750 |
| 165 | 48.0000 | 2.35000 | -1.29750 |
| 166 | 52.2500 | 2.35000 | -1.29750 |
| 167 | 56.5000 | 2.35000 | -1.29750 |
| 168 | 60.7500 | 2.35000 | -1.29750 |
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| 170 | 69.0000 | 2.35000 | -1.29750 |
| 171 | 73.0000 | 2.35000 | -1.29750 |
| 172 | 77.0000 | 2.35000 | -1.29750 |
| 173 | 4.00000 | 8.90000 | -1.29750 |
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| 182 | 44.0000 | 8.90000 | -1.29750 |
| 183 | 48.0000 | 8.90000 | -1.29750 |
| 184 | 52.2500 | 8.90000 | -1.29750 |
| 185 | 56.5000 | 8.90000 | -1.29750 |
| 186 | 60.7500 | 8.90000 | -1.29750 |

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|---|---|---|---|
| 187 | 65.0000 | 8.90000 | -1.29750 |
| 188 | 69.0000 | 8.90000 | -1.29750 |
| 189 | 73.0000 | 8.90000 | -1.29750 |
| 190 | 77.0000 | 8.90000 | -1.29750 |
| 191 | 0.000000E+00 | 2.35000 | -1.10000 |
| 192 | 4.00000 | 2.35000 | -1.10000 |
| 193 | 8.00000 | 2.35000 | -1.10000 |
| 194 | 12.0000 | 2.35000 | -1.10000 |
| 195 | 16.0000 | 2.35000 | -1.10000 |
| 196 | 20.0000 | 2.35000 | -1.10000 |
| 197 | 24.0000 | 2.35000 | -1.10000 |
| 198 | 28.0000 | 2.35000 | -1.10000 |
| 199 | 32.0000 | 2.35000 | -1.10000 |
| 200 | 36.0000 | 2.35000 | -1.10000 |
| 201 | 40.0000 | 2.35000 | -1.10000 |
| 202 | 44.0000 | 2.35000 | -1.10000 |
| 203 | 48.0000 | 2.35000 | -1.10000 |
| 204 | 52.2500 | 2.35000 | -1.10000 |
| 205 | 56.5000 | 2.35000 | -1.10000 |
| 206 | 60.7500 | 2.35000 | -1.10000 |
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| 208 | 69.0000 | 2.35000 | -1.10000 |
| 209 | 73.0000 | 2.35000 | -1.10000 |
| 210 | 77.0000 | 2.35000 | -1.10000 |
| 211 | 81.0000 | 2.35000 | -1.10000 |
| 212 | 0.000000E+00 | 3.98750 | -1.10000 |
| 213 | 4.00000 | 3.98750 | -1.10000 |
| 214 | 8.00000 | 3.98750 | -1.10000 |
| 215 | 12.0000 | 3.98750 | -1.10000 |
| 216 | 16.0000 | 3.98750 | -1.10000 |
| 217 | 20.0000 | 3.98750 | -1.10000 |
| 218 | 24.0000 | 3.98750 | -1.10000 |
| 219 | 28.0000 | 3.98750 | -1.10000 |
| 220 | 32.0000 | 3.98750 | -1.10000 |
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| 222 | 40.0000 | 3.98750 | -1.10000 |
| 223 | 44.0000 | 3.98750 | -1.10000 |
| 224 | 48.0000 | 3.98750 | -1.10000 |
| 225 | 52.2500 | 3.98750 | -1.10000 |
| 226 | 56.5000 | 3.98750 | -1.10000 |
| 227 | 60.7500 | 3.98750 | -1.10000 |
| 228 | 65.0000 | 3.98750 | -1.10000 |
| 229 | 69.0000 | 3.98750 | -1.10000 |
| 230 | 73.0000 | 3.98750 | -1.10000 |
| 231 | 77.0000 | 3.98750 | -1.10000 |
| 232 | 81.0000 | 3.98750 | -1.10000 |
| 233 | 0.000000E+00 | 5.62500 | -1.10000 |
| 234 | 4.00000 | 5.62500 | -1.10000 |
| 235 | 8.00000 | 5.62500 | -1.10000 |
| 236 | 12.0000 | 5.62500 | -1.10000 |
| 237 | 16.0000 | 5.62500 | -1.10000 |
| 238 | 20.0000 | 5.62500 | -1.10000 |
| 239 | 24.0000 | 5.62500 | -1.10000 |
| 240 | 28.0000 | 5.62500 | -1.10000 |
| 241 | 32.0000 | 5.62500 | -1.10000 |
| 242 | 36.0000 | 5.62500 | -1.10000 |
| 243 | 40.0000 | 5.62500 | -1.10000 |
| 244 | 44.0000 | 5.62500 | -1.10000 |
| 245 | 48.0000 | 5.62500 | -1.10000 |
| 246 | 52.2500 | 5.62500 | -1.10000 |
| 247 | 56.5000 | 5.62500 | -1.10000 |
| 248 | 60.7500 | 5.62500 | -1.10000 |
| 249 | 65.0000 | 5.62500 | -1.10000 |
| 250 | 69.0000 | 5.62500 | -1.10000 |
| 251 | 73.0000 | 5.62500 | -1.10000 |
| 252 | 77.0000 | 5.62500 | -1.10000 |
| 253 | 81.0000 | 5.62500 | -1.10000 |
| 254 | 0.000000E+00 | 7.26250 | -1.10000 |
| 255 | 4.00000 | 7.26250 | -1.10000 |
| 256 | 8.00000 | 7.26250 | -1.10000 |
| 257 | 12.0000 | 7.26250 | -1.10000 |
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| 259 | 20.0000 | 7.26250 | -1.10000 |

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|---|---|---|---|
| 260 | 24.0000 | 7.26250 | -1.10000 |
| 261 | 28.0000 | 7.26250 | -1.10000 |
| 262 | 32.0000 | 7.26250 | -1.10000 |
| 263 | 36.0000 | 7.26250 | -1.10000 |
| 264 | 40.0000 | 7.26250 | -1.10000 |
| 265 | 44.0000 | 7.26250 | -1.10000 |
| 266 | 48.0000 | 7.26250 | -1.10000 |
| 267 | 52.2500 | 7.26250 | -1.10000 |
| 268 | 56.5000 | 7.26250 | -1.10000 |
| 269 | 60.7500 | 7.26250 | -1.10000 |
| 270 | 65.0000 | 7.26250 | -1.10000 |
| 271 | 69.0000 | 7.26250 | -1.10000 |
| 272 | 73.0000 | 7.26250 | -1.10000 |
| 273 | 77.0000 | 7.26250 | -1.10000 |
| 274 | 81.0000 | 7.26250 | -1.10000 |
| 275 | 0.000000E+00 | 8.90000 | -1.10000 |
| 276 | 4.00000 | 8.90000 | -1.10000 |
| 277 | 8.00000 | 8.90000 | -1.10000 |
| 278 | 12.0000 | 8.90000 | -1.10000 |
| 279 | 16.0000 | 8.90000 | -1.10000 |
| 280 | 20.0000 | 8.90000 | -1.10000 |
| 281 | 24.0000 | 8.90000 | -1.10000 |
| 282 | 28.0000 | 8.90000 | -1.10000 |
| 283 | 32.0000 | 8.90000 | -1.10000 |
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| 286 | 44.0000 | 8.90000 | -1.10000 |
| 287 | 48.0000 | 8.90000 | -1.10000 |
| 288 | 52.2500 | 8.90000 | -1.10000 |
| 289 | 56.5000 | 8.90000 | -1.10000 |
| 290 | 60.7500 | 8.90000 | -1.10000 |
| 291 | 65.0000 | 8.90000 | -1.10000 |
| 292 | 69.0000 | 8.90000 | -1.10000 |
| 293 | 73.0000 | 8.90000 | -1.10000 |
| 294 | 77.0000 | 8.90000 | -1.10000 |
| 295 | 81.0000 | 8.90000 | -1.10000 |
| 296 | 4.00000 | 2.35000 | -0.902500 |
| 297 | 8.00000 | 2.35000 | -0.902500 |
| 298 | 12.0000 | 2.35000 | -0.902500 |
| 299 | 16.0000 | 2.35000 | -0.902500 |
| 300 | 20.0000 | 2.35000 | -0.902500 |
| 301 | 24.0000 | 2.35000 | -0.902500 |
| 302 | 28.0000 | 2.35000 | -0.902500 |
| 303 | 32.0000 | 2.35000 | -0.902500 |
| 304 | 36.0000 | 2.35000 | -0.902500 |
| 305 | 44.0000 | 2.35000 | -0.902500 |
| 306 | 48.0000 | 2.35000 | -0.902500 |
| 307 | 52.2500 | 2.35000 | -0.902500 |
| 308 | 56.5000 | 2.35000 | -0.902500 |
| 309 | 60.7500 | 2.35000 | -0.902500 |
| 310 | 65.0000 | 2.35000 | -0.902500 |
| 311 | 69.0000 | 2.35000 | -0.902500 |
| 312 | 73.0000 | 2.35000 | -0.902500 |
| 313 | 77.0000 | 2.35000 | -0.902500 |
| 314 | 4.00000 | 8.90000 | -0.902500 |
| 315 | 8.00000 | 8.90000 | -0.902500 |
| 316 | 12.0000 | 8.90000 | -0.902500 |
| 317 | 16.0000 | 8.90000 | -0.902500 |
| 318 | 20.0000 | 8.90000 | -0.902500 |
| 319 | 24.0000 | 8.90000 | -0.902500 |
| 320 | 28.0000 | 8.90000 | -0.902500 |
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| 322 | 36.0000 | 8.90000 | -0.902500 |
| 323 | 44.0000 | 8.90000 | -0.902500 |
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| 325 | 52.2500 | 8.90000 | -0.902500 |
| 326 | 56.5000 | 8.90000 | -0.902500 |
| 327 | 60.7500 | 8.90000 | -0.902500 |
| 328 | 65.0000 | 8.90000 | -0.902500 |
| 329 | 69.0000 | 8.90000 | -0.902500 |
| 330 | 73.0000 | 8.90000 | -0.902500 |
| 331 | 77.0000 | 8.90000 | -0.902500 |
| 332 | 0.000000E+00 | 2.35000 | -0.775000 |

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|---|---|---|---|
| 333 | 40.0000 | 2.35000 | -0.775000 |
| 334 | 81.0000 | 2.35000 | -0.775000 |
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| 336 | 40.0000 | 8.90000 | -0.775000 |
| 337 | 81.0000 | 8.90000 | -0.775000 |
| 338 | 4.00000 | 2.35000 | -0.705000 |
| 339 | 8.00000 | 2.35000 | -0.705000 |
| 340 | 12.0000 | 2.35000 | -0.705000 |
| 341 | 16.0000 | 2.35000 | -0.705000 |
| 342 | 20.0000 | 2.35000 | -0.705000 |
| 343 | 24.0000 | 2.35000 | -0.705000 |
| 344 | 28.0000 | 2.35000 | -0.705000 |
| 345 | 32.0000 | 2.35000 | -0.705000 |
| 346 | 36.0000 | 2.35000 | -0.705000 |
| 347 | 44.0000 | 2.35000 | -0.705000 |
| 348 | 48.0000 | 2.35000 | -0.705000 |
| 349 | 52.2500 | 2.35000 | -0.705000 |
| 350 | 56.5000 | 2.35000 | -0.705000 |
| 351 | 60.7500 | 2.35000 | -0.705000 |
| 352 | 65.0000 | 2.35000 | -0.705000 |
| 353 | 69.0000 | 2.35000 | -0.705000 |
| 354 | 73.0000 | 2.35000 | -0.705000 |
| 355 | 77.0000 | 2.35000 | -0.705000 |
| 356 | 4.00000 | 8.90000 | -0.705000 |
| 357 | 8.00000 | 8.90000 | -0.705000 |
| 358 | 12.0000 | 8.90000 | -0.705000 |
| 359 | 16.0000 | 8.90000 | -0.705000 |
| 360 | 20.0000 | 8.90000 | -0.705000 |
| 361 | 24.0000 | 8.90000 | -0.705000 |
| 362 | 28.0000 | 8.90000 | -0.705000 |
| 363 | 32.0000 | 8.90000 | -0.705000 |
| 364 | 36.0000 | 8.90000 | -0.705000 |
| 365 | 44.0000 | 8.90000 | -0.705000 |
| 366 | 48.0000 | 8.90000 | -0.705000 |
| 367 | 52.2500 | 8.90000 | -0.705000 |
| 368 | 56.5000 | 8.90000 | -0.705000 |
| 369 | 60.7500 | 8.90000 | -0.705000 |
| 370 | 65.0000 | 8.90000 | -0.705000 |
| 371 | 69.0000 | 8.90000 | -0.705000 |
| 372 | 73.0000 | 8.90000 | -0.705000 |
| 373 | 77.0000 | 8.90000 | -0.705000 |
| 374 | 0.000000E+00 | 2.35000 | -0.450000 |
| 375 | 40.0000 | 2.35000 | -0.450000 |
| 376 | 81.0000 | 2.35000 | -0.450000 |
| 377 | 0.000000E+00 | 8.90000 | -0.450000 |
| 378 | 40.0000 | 8.90000 | -0.450000 |
| 379 | 81.0000 | 8.90000 | -0.450000 |
| 380 | 4.00000 | 2.35000 | -0.352500 |
| 381 | 8.00000 | 2.35000 | -0.352500 |
| 382 | 12.0000 | 2.35000 | -0.352500 |
| 383 | 16.0000 | 2.35000 | -0.352500 |
| 384 | 20.0000 | 2.35000 | -0.352500 |
| 385 | 24.0000 | 2.35000 | -0.352500 |
| 386 | 28.0000 | 2.35000 | -0.352500 |
| 387 | 32.0000 | 2.35000 | -0.352500 |
| 388 | 36.0000 | 2.35000 | -0.352500 |
| 389 | 44.0000 | 2.35000 | -0.352500 |
| 390 | 48.0000 | 2.35000 | -0.352500 |
| 391 | 52.2500 | 2.35000 | -0.352500 |
| 392 | 56.5000 | 2.35000 | -0.352500 |
| 393 | 60.7500 | 2.35000 | -0.352500 |
| 394 | 65.0000 | 2.35000 | -0.352500 |
| 395 | 69.0000 | 2.35000 | -0.352500 |
| 396 | 73.0000 | 2.35000 | -0.352500 |
| 397 | 77.0000 | 2.35000 | -0.352500 |
| 398 | 4.00000 | 8.90000 | -0.352500 |
| 399 | 8.00000 | 8.90000 | -0.352500 |
| 400 | 12.0000 | 8.90000 | -0.352500 |
| 401 | 16.0000 | 8.90000 | -0.352500 |
| 402 | 20.0000 | 8.90000 | -0.352500 |
| 403 | 24.0000 | 8.90000 | -0.352500 |
| 404 | 28.0000 | 8.90000 | -0.352500 |
| 405 | 32.0000 | 8.90000 | -0.352500 |

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|---|---|---|---|
| 406 | 36.0000 | 8.90000 | -0.352500 |
| 407 | 44.0000 | 8.90000 | -0.352500 |
| 408 | 48.0000 | 8.90000 | -0.352500 |
| 409 | 52.2500 | 8.90000 | -0.352500 |
| 410 | 56.5000 | 8.90000 | -0.352500 |
| 411 | 60.7500 | 8.90000 | -0.352500 |
| 412 | 65.0000 | 8.90000 | -0.352500 |
| 413 | 69.0000 | 8.90000 | -0.352500 |
| 414 | 73.0000 | 8.90000 | -0.352500 |
| 415 | 77.0000 | 8.90000 | -0.352500 |
| 416 | 0.000000E+00 | 2.35000 | -0.225000 |
| 417 | 40.0000 | 2.35000 | -0.225000 |
| 418 | 81.0000 | 2.35000 | -0.225000 |
| 419 | 0.000000E+00 | 8.90000 | -0.225000 |
| 420 | 40.0000 | 8.90000 | -0.225000 |
| 421 | 81.0000 | 8.90000 | -0.225000 |
| 422 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 423 | 1.33333 | 0.000000E+00 | 0.000000E+00 |
| 424 | 2.66667 | 0.000000E+00 | 0.000000E+00 |
| 425 | 4.00000 | 0.000000E+00 | 0.000000E+00 |
| 426 | 5.33333 | 0.000000E+00 | 0.000000E+00 |
| 427 | 6.66667 | 0.000000E+00 | 0.000000E+00 |
| 428 | 8.00000 | 0.000000E+00 | 0.000000E+00 |
| 429 | 10.0000 | 0.000000E+00 | 0.000000E+00 |
| 430 | 12.0000 | 0.000000E+00 | 0.000000E+00 |
| 431 | 13.3333 | 0.000000E+00 | 0.000000E+00 |
| 432 | 14.6667 | 0.000000E+00 | 0.000000E+00 |
| 433 | 16.0000 | 0.000000E+00 | 0.000000E+00 |
| 434 | 17.3333 | 0.000000E+00 | 0.000000E+00 |
| 435 | 18.6667 | 0.000000E+00 | 0.000000E+00 |
| 436 | 20.0000 | 0.000000E+00 | 0.000000E+00 |
| 437 | 22.0000 | 0.000000E+00 | 0.000000E+00 |
| 438 | 24.0000 | 0.000000E+00 | 0.000000E+00 |
| 439 | 25.3333 | 0.000000E+00 | 0.000000E+00 |
| 440 | 26.6667 | 0.000000E+00 | 0.000000E+00 |
| 441 | 28.0000 | 0.000000E+00 | 0.000000E+00 |
| 442 | 29.3333 | 0.000000E+00 | 0.000000E+00 |
| 443 | 30.6667 | 0.000000E+00 | 0.000000E+00 |
| 444 | 32.0000 | 0.000000E+00 | 0.000000E+00 |
| 445 | 34.0000 | 0.000000E+00 | 0.000000E+00 |
| 446 | 36.0000 | 0.000000E+00 | 0.000000E+00 |
| 447 | 37.3333 | 0.000000E+00 | 0.000000E+00 |
| 448 | 38.6667 | 0.000000E+00 | 0.000000E+00 |
| 449 | 40.0000 | 0.000000E+00 | 0.000000E+00 |
| 450 | 41.3333 | 0.000000E+00 | 0.000000E+00 |
| 451 | 42.6667 | 0.000000E+00 | 0.000000E+00 |
| 452 | 44.0000 | 0.000000E+00 | 0.000000E+00 |
| 453 | 46.0000 | 0.000000E+00 | 0.000000E+00 |
| 454 | 48.0000 | 0.000000E+00 | 0.000000E+00 |
| 455 | 49.4167 | 0.000000E+00 | 0.000000E+00 |
| 456 | 50.8333 | 0.000000E+00 | 0.000000E+00 |
| 457 | 52.2500 | 0.000000E+00 | 0.000000E+00 |
| 458 | 53.6667 | 0.000000E+00 | 0.000000E+00 |
| 459 | 55.0833 | 0.000000E+00 | 0.000000E+00 |
| 460 | 56.5000 | 0.000000E+00 | 0.000000E+00 |
| 461 | 58.0000 | 0.000000E+00 | 0.000000E+00 |
| 462 | 59.3750 | 0.000000E+00 | 0.000000E+00 |
| 463 | 60.7500 | 0.000000E+00 | 0.000000E+00 |
| 464 | 62.1667 | 0.000000E+00 | 0.000000E+00 |
| 465 | 63.5833 | 0.000000E+00 | 0.000000E+00 |
| 466 | 65.0000 | 0.000000E+00 | 0.000000E+00 |
| 467 | 66.3333 | 0.000000E+00 | 0.000000E+00 |
| 468 | 67.6667 | 0.000000E+00 | 0.000000E+00 |
| 469 | 69.0000 | 0.000000E+00 | 0.000000E+00 |
| 470 | 70.0000 | 0.000000E+00 | 0.000000E+00 |
| 471 | 71.5000 | 0.000000E+00 | 0.000000E+00 |
| 472 | 73.0000 | 0.000000E+00 | 0.000000E+00 |
| 473 | 74.3333 | 0.000000E+00 | 0.000000E+00 |
| 474 | 75.6667 | 0.000000E+00 | 0.000000E+00 |
| 475 | 77.0000 | 0.000000E+00 | 0.000000E+00 |
| 476 | 78.3333 | 0.000000E+00 | 0.000000E+00 |
| 477 | 79.6667 | 0.000000E+00 | 0.000000E+00 |
| 478 | 81.0000 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 479 | 0.000000E+00 | 0.750000 | 0.000000E+00 |
| 480 | 1.33333 | 0.750000 | 0.000000E+00 |
| 481 | 2.66667 | 0.750000 | 0.000000E+00 |
| 482 | 4.00000 | 0.750000 | 0.000000E+00 |
| 483 | 5.33333 | 0.750000 | 0.000000E+00 |
| 484 | 6.66667 | 0.750000 | 0.000000E+00 |
| 485 | 8.00000 | 0.750000 | 0.000000E+00 |
| 486 | 10.0000 | 0.750000 | 0.000000E+00 |
| 487 | 12.0000 | 0.750000 | 0.000000E+00 |
| 488 | 13.3333 | 0.750000 | 0.000000E+00 |
| 489 | 14.6667 | 0.750000 | 0.000000E+00 |
| 490 | 16.0000 | 0.750000 | 0.000000E+00 |
| 491 | 17.3333 | 0.750000 | 0.000000E+00 |
| 492 | 18.6667 | 0.750000 | 0.000000E+00 |
| 493 | 20.0000 | 0.750000 | 0.000000E+00 |
| 494 | 22.0000 | 0.750000 | 0.000000E+00 |
| 495 | 24.0000 | 0.750000 | 0.000000E+00 |
| 496 | 25.3333 | 0.750000 | 0.000000E+00 |
| 497 | 26.6667 | 0.750000 | 0.000000E+00 |
| 498 | 28.0000 | 0.750000 | 0.000000E+00 |
| 499 | 29.3333 | 0.750000 | 0.000000E+00 |
| 500 | 30.6667 | 0.750000 | 0.000000E+00 |
| 501 | 32.0000 | 0.750000 | 0.000000E+00 |
| 502 | 34.0000 | 0.750000 | 0.000000E+00 |
| 503 | 36.0000 | 0.750000 | 0.000000E+00 |
| 504 | 37.3333 | 0.750000 | 0.000000E+00 |
| 505 | 38.6667 | 0.750000 | 0.000000E+00 |
| 506 | 40.0000 | 0.750000 | 0.000000E+00 |
| 507 | 41.3333 | 0.750000 | 0.000000E+00 |
| 508 | 42.6667 | 0.750000 | 0.000000E+00 |
| 509 | 44.0000 | 0.750000 | 0.000000E+00 |
| 510 | 46.0000 | 0.750000 | 0.000000E+00 |
| 511 | 48.0000 | 0.750000 | 0.000000E+00 |
| 512 | 49.4167 | 0.750000 | 0.000000E+00 |
| 513 | 50.8333 | 0.750000 | 0.000000E+00 |
| 514 | 52.2500 | 0.750000 | 0.000000E+00 |
| 515 | 53.6667 | 0.750000 | 0.000000E+00 |
| 516 | 55.0833 | 0.750000 | 0.000000E+00 |
| 517 | 56.5000 | 0.750000 | 0.000000E+00 |
| 518 | 58.0000 | 0.750000 | 0.000000E+00 |
| 519 | 59.3750 | 0.750000 | 0.000000E+00 |
| 520 | 60.7500 | 0.750000 | 0.000000E+00 |
| 521 | 62.1667 | 0.750000 | 0.000000E+00 |
| 522 | 63.5833 | 0.750000 | 0.000000E+00 |
| 523 | 65.0000 | 0.750000 | 0.000000E+00 |
| 524 | 66.3333 | 0.750000 | 0.000000E+00 |
| 525 | 67.6667 | 0.750000 | 0.000000E+00 |
| 526 | 69.0000 | 0.750000 | 0.000000E+00 |
| 527 | 70.0000 | 0.750000 | 0.000000E+00 |
| 528 | 71.5000 | 0.750000 | 0.000000E+00 |
| 529 | 73.0000 | 0.750000 | 0.000000E+00 |
| 530 | 74.3333 | 0.750000 | 0.000000E+00 |
| 531 | 75.6667 | 0.750000 | 0.000000E+00 |
| 532 | 77.0000 | 0.750000 | 0.000000E+00 |
| 533 | 78.3333 | 0.750000 | 0.000000E+00 |
| 534 | 79.6667 | 0.750000 | 0.000000E+00 |
| 535 | 81.0000 | 0.750000 | 0.000000E+00 |
| 536 | 0.000000E+00 | 2.35000 | 0.000000E+00 |
| 537 | 1.33333 | 2.35000 | 0.000000E+00 |
| 538 | 2.66667 | 2.35000 | 0.000000E+00 |
| 539 | 4.00000 | 2.35000 | 0.000000E+00 |
| 540 | 5.33333 | 2.35000 | 0.000000E+00 |
| 541 | 6.66667 | 2.35000 | 0.000000E+00 |
| 542 | 8.00000 | 2.35000 | 0.000000E+00 |
| 543 | 10.0000 | 2.35000 | 0.000000E+00 |
| 544 | 12.0000 | 2.35000 | 0.000000E+00 |
| 545 | 13.3333 | 2.35000 | 0.000000E+00 |
| 546 | 14.6667 | 2.35000 | 0.000000E+00 |
| 547 | 16.0000 | 2.35000 | 0.000000E+00 |
| 548 | 17.3333 | 2.35000 | 0.000000E+00 |
| 549 | 18.6667 | 2.35000 | 0.000000E+00 |
| 550 | 20.0000 | 2.35000 | 0.000000E+00 |
| 551 | 22.0000 | 2.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 552 | 24.0000 | 2.35000 | 0.000000E+00 |
| 553 | 25.3333 | 2.35000 | 0.000000E+00 |
| 554 | 26.6667 | 2.35000 | 0.000000E+00 |
| 555 | 28.0000 | 2.35000 | 0.000000E+00 |
| 556 | 29.3333 | 2.35000 | 0.000000E+00 |
| 557 | 30.6667 | 2.35000 | 0.000000E+00 |
| 558 | 32.0000 | 2.35000 | 0.000000E+00 |
| 559 | 34.0000 | 2.35000 | 0.000000E+00 |
| 560 | 36.0000 | 2.35000 | 0.000000E+00 |
| 561 | 37.3333 | 2.35000 | 0.000000E+00 |
| 562 | 38.6667 | 2.35000 | 0.000000E+00 |
| 563 | 40.0000 | 2.35000 | 0.000000E+00 |
| 564 | 41.3333 | 2.35000 | 0.000000E+00 |
| 565 | 42.6667 | 2.35000 | 0.000000E+00 |
| 566 | 44.0000 | 2.35000 | 0.000000E+00 |
| 567 | 46.0000 | 2.35000 | 0.000000E+00 |
| 568 | 48.0000 | 2.35000 | 0.000000E+00 |
| 569 | 49.4167 | 2.35000 | 0.000000E+00 |
| 570 | 50.8333 | 2.35000 | 0.000000E+00 |
| 571 | 52.2500 | 2.35000 | 0.000000E+00 |
| 572 | 53.6667 | 2.35000 | 0.000000E+00 |
| 573 | 55.0833 | 2.35000 | 0.000000E+00 |
| 574 | 56.5000 | 2.35000 | 0.000000E+00 |
| 575 | 58.0000 | 2.35000 | 0.000000E+00 |
| 576 | 59.3750 | 2.35000 | 0.000000E+00 |
| 577 | 60.7500 | 2.35000 | 0.000000E+00 |
| 578 | 62.1667 | 2.35000 | 0.000000E+00 |
| 579 | 63.5833 | 2.35000 | 0.000000E+00 |
| 580 | 65.0000 | 2.35000 | 0.000000E+00 |
| 581 | 66.3333 | 2.35000 | 0.000000E+00 |
| 582 | 67.6667 | 2.35000 | 0.000000E+00 |
| 583 | 69.0000 | 2.35000 | 0.000000E+00 |
| 584 | 70.0000 | 2.35000 | 0.000000E+00 |
| 585 | 71.5000 | 2.35000 | 0.000000E+00 |
| 586 | 73.0000 | 2.35000 | 0.000000E+00 |
| 587 | 74.3333 | 2.35000 | 0.000000E+00 |
| 588 | 75.6667 | 2.35000 | 0.000000E+00 |
| 589 | 77.0000 | 2.35000 | 0.000000E+00 |
| 590 | 78.3333 | 2.35000 | 0.000000E+00 |
| 591 | 79.6667 | 2.35000 | 0.000000E+00 |
| 592 | 81.0000 | 2.35000 | 0.000000E+00 |
| 593 | 0.000000E+00 | 3.98750 | 0.000000E+00 |
| 594 | 1.33333 | 3.98750 | 0.000000E+00 |
| 595 | 2.66667 | 3.98750 | 0.000000E+00 |
| 596 | 4.00000 | 3.98750 | -0.111022E-15 |
| 597 | 5.33333 | 3.98750 | 0.000000E+00 |
| 598 | 6.66667 | 3.98750 | 0.000000E+00 |
| 599 | 8.00000 | 3.98750 | 0.000000E+00 |
| 600 | 10.0000 | 3.98750 | 0.000000E+00 |
| 601 | 12.0000 | 3.98750 | 0.000000E+00 |
| 602 | 13.3333 | 3.98750 | 0.000000E+00 |
| 603 | 14.6667 | 3.98750 | 0.000000E+00 |
| 604 | 16.0000 | 3.98750 | 0.000000E+00 |
| 605 | 17.3333 | 3.98750 | -0.357931E-15 |
| 606 | 18.6667 | 3.98750 | -0.930621E-15 |
| 607 | 20.0000 | 3.98750 | -0.644276E-14 |
| 608 | 22.0000 | 3.98750 | 0.000000E+00 |
| 609 | 24.0000 | 3.98750 | 0.000000E+00 |
| 610 | 25.3333 | 3.98750 | 0.000000E+00 |
| 611 | 26.6667 | 3.98750 | 0.000000E+00 |
| 612 | 28.0000 | 3.98750 | 0.277556E-16 |
| 613 | 29.3333 | 3.98750 | 0.000000E+00 |
| 614 | 30.6667 | 3.98750 | 0.000000E+00 |
| 615 | 32.0000 | 3.98750 | 0.000000E+00 |
| 616 | 34.0000 | 3.98750 | 0.000000E+00 |
| 617 | 36.0000 | 3.98750 | 0.000000E+00 |
| 618 | 37.3333 | 3.98750 | 0.000000E+00 |
| 619 | 38.6667 | 3.98750 | 0.000000E+00 |
| 620 | 40.0000 | 3.98750 | 0.000000E+00 |
| 621 | 41.3333 | 3.98750 | 0.000000E+00 |
| 622 | 42.6667 | 3.98750 | 0.000000E+00 |
| 623 | 44.0000 | 3.98750 | 0.000000E+00 |
| 624 | 46.0000 | 3.98750 | 0.000000E+00 |

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|---|---|---|---|
| 625 | 48.0000 | 3.98750 | 0.000000E+00 |
| 626 | 49.4167 | 3.98750 | 0.000000E+00 |
| 627 | 50.8333 | 3.98750 | 0.000000E+00 |
| 628 | 52.2500 | 3.98750 | -0.154043E-13 |
| 629 | 53.6667 | 3.98750 | 0.000000E+00 |
| 630 | 55.0833 | 3.98750 | 0.000000E+00 |
| 631 | 56.5000 | 3.98750 | -0.147105E-14 |
| 632 | 58.0000 | 3.98750 | 0.000000E+00 |
| 633 | 59.3750 | 3.98750 | 0.000000E+00 |
| 634 | 60.7500 | 3.98750 | 0.000000E+00 |
| 635 | 62.1667 | 3.98750 | 0.000000E+00 |
| 636 | 63.5833 | 3.98750 | 0.000000E+00 |
| 637 | 65.0000 | 3.98750 | 0.000000E+00 |
| 638 | 66.3333 | 3.98750 | 0.000000E+00 |
| 639 | 67.6667 | 3.98750 | 0.000000E+00 |
| 640 | 69.0000 | 3.98750 | 0.334455E-14 |
| 641 | 70.0000 | 3.98750 | 0.000000E+00 |
| 642 | 71.5000 | 3.98750 | 0.000000E+00 |
| 643 | 73.0000 | 3.98750 | 0.000000E+00 |
| 644 | 74.3333 | 3.98750 | 0.000000E+00 |
| 645 | 75.6667 | 3.98750 | 0.000000E+00 |
| 646 | 77.0000 | 3.98750 | 0.277556E-16 |
| 647 | 78.3333 | 3.98750 | 0.000000E+00 |
| 648 | 79.6667 | 3.98750 | 0.000000E+00 |
| 649 | 81.0000 | 3.98750 | 0.000000E+00 |
| 650 | 0.000000E+00 | 5.62500 | 0.000000E+00 |
| 651 | 1.33333 | 5.62500 | 0.000000E+00 |
| 652 | 2.66667 | 5.62500 | 0.000000E+00 |
| 653 | 4.00000 | 5.62500 | 0.000000E+00 |
| 654 | 5.33333 | 5.62500 | 0.000000E+00 |
| 655 | 6.66667 | 5.62500 | 0.000000E+00 |
| 656 | 8.00000 | 5.62500 | 0.000000E+00 |
| 657 | 10.0000 | 5.62500 | 0.000000E+00 |
| 658 | 12.0000 | 5.62500 | 0.000000E+00 |
| 659 | 13.3333 | 5.62500 | 0.000000E+00 |
| 660 | 14.6667 | 5.62500 | 0.000000E+00 |
| 661 | 16.0000 | 5.62500 | 0.000000E+00 |
| 662 | 17.3333 | 5.62500 | 0.000000E+00 |
| 663 | 18.6667 | 5.62500 | 0.000000E+00 |
| 664 | 20.0000 | 5.62500 | 0.000000E+00 |
| 665 | 22.0000 | 5.62500 | 0.000000E+00 |
| 666 | 24.0000 | 5.62500 | 0.000000E+00 |
| 667 | 25.3333 | 5.62500 | 0.000000E+00 |
| 668 | 26.6667 | 5.62500 | 0.000000E+00 |
| 669 | 28.0000 | 5.62500 | 0.000000E+00 |
| 670 | 29.3333 | 5.62500 | 0.000000E+00 |
| 671 | 30.6667 | 5.62500 | 0.000000E+00 |
| 672 | 32.0000 | 5.62500 | 0.000000E+00 |
| 673 | 34.0000 | 5.62500 | 0.000000E+00 |
| 674 | 36.0000 | 5.62500 | 0.000000E+00 |
| 675 | 37.3333 | 5.62500 | 0.000000E+00 |
| 676 | 38.6667 | 5.62500 | 0.000000E+00 |
| 677 | 40.0000 | 5.62500 | 0.000000E+00 |
| 678 | 41.3333 | 5.62500 | 0.000000E+00 |
| 679 | 42.6667 | 5.62500 | 0.000000E+00 |
| 680 | 44.0000 | 5.62500 | 0.000000E+00 |
| 681 | 46.0000 | 5.62500 | 0.000000E+00 |
| 682 | 48.0000 | 5.62500 | 0.000000E+00 |
| 683 | 49.4167 | 5.62500 | 0.000000E+00 |
| 684 | 50.8333 | 5.62500 | 0.000000E+00 |
| 685 | 52.2500 | 5.62500 | 0.000000E+00 |
| 686 | 53.6667 | 5.62500 | 0.000000E+00 |
| 687 | 55.0833 | 5.62500 | 0.000000E+00 |
| 688 | 56.5000 | 5.62500 | 0.000000E+00 |
| 689 | 58.0000 | 5.62500 | 0.000000E+00 |
| 690 | 59.3750 | 5.62500 | 0.000000E+00 |
| 691 | 60.7500 | 5.62500 | 0.000000E+00 |
| 692 | 62.1667 | 5.62500 | 0.000000E+00 |
| 693 | 63.5833 | 5.62500 | 0.000000E+00 |
| 694 | 65.0000 | 5.62500 | 0.000000E+00 |
| 695 | 66.3333 | 5.62500 | 0.000000E+00 |
| 696 | 67.6667 | 5.62500 | 0.000000E+00 |
| 697 | 69.0000 | 5.62500 | 0.000000E+00 |

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|---|---|---|---|
| 698 | 70.0000 | 5.62500 | 0.000000E+00 |
| 699 | 71.5000 | 5.62500 | 0.000000E+00 |
| 700 | 73.0000 | 5.62500 | 0.000000E+00 |
| 701 | 74.3333 | 5.62500 | 0.000000E+00 |
| 702 | 75.6667 | 5.62500 | 0.000000E+00 |
| 703 | 77.0000 | 5.62500 | 0.000000E+00 |
| 704 | 78.3333 | 5.62500 | 0.000000E+00 |
| 705 | 79.6667 | 5.62500 | 0.000000E+00 |
| 706 | 81.0000 | 5.62500 | 0.000000E+00 |
| 707 | 0.000000E+00 | 7.26250 | 0.000000E+00 |
| 708 | 1.33333 | 7.26250 | 0.000000E+00 |
| 709 | 2.66667 | 7.26250 | 0.000000E+00 |
| 710 | 4.00000 | 7.26250 | -0.971445E-16 |
| 711 | 5.33333 | 7.26250 | 0.000000E+00 |
| 712 | 6.66667 | 7.26250 | 0.000000E+00 |
| 713 | 8.00000 | 7.26250 | 0.000000E+00 |
| 714 | 10.0000 | 7.26250 | 0.000000E+00 |
| 715 | 12.0000 | 7.26250 | 0.000000E+00 |
| 716 | 13.3333 | 7.26250 | 0.000000E+00 |
| 717 | 14.6667 | 7.26250 | 0.000000E+00 |
| 718 | 16.0000 | 7.26250 | 0.000000E+00 |
| 719 | 17.3333 | 7.26250 | 0.000000E+00 |
| 720 | 18.6667 | 7.26250 | 0.000000E+00 |
| 721 | 20.0000 | 7.26250 | 0.000000E+00 |
| 722 | 22.0000 | 7.26250 | 0.000000E+00 |
| 723 | 24.0000 | 7.26250 | 0.000000E+00 |
| 724 | 25.3333 | 7.26250 | 0.000000E+00 |
| 725 | 26.6667 | 7.26250 | 0.000000E+00 |
| 726 | 28.0000 | 7.26250 | 0.000000E+00 |
| 727 | 29.3333 | 7.26250 | 0.000000E+00 |
| 728 | 30.6667 | 7.26250 | 0.000000E+00 |
| 729 | 32.0000 | 7.26250 | 0.000000E+00 |
| 730 | 34.0000 | 7.26250 | 0.000000E+00 |
| 731 | 36.0000 | 7.26250 | 0.000000E+00 |
| 732 | 37.3333 | 7.26250 | 0.000000E+00 |
| 733 | 38.6667 | 7.26250 | 0.000000E+00 |
| 734 | 40.0000 | 7.26250 | 0.000000E+00 |
| 735 | 41.3333 | 7.26250 | 0.000000E+00 |
| 736 | 42.6667 | 7.26250 | 0.000000E+00 |
| 737 | 44.0000 | 7.26250 | 0.000000E+00 |
| 738 | 46.0000 | 7.26250 | 0.000000E+00 |
| 739 | 48.0000 | 7.26250 | 0.000000E+00 |
| 740 | 49.4167 | 7.26250 | 0.000000E+00 |
| 741 | 50.8333 | 7.26250 | 0.000000E+00 |
| 742 | 52.2500 | 7.26250 | 0.000000E+00 |
| 743 | 53.6667 | 7.26250 | 0.000000E+00 |
| 744 | 55.0833 | 7.26250 | 0.000000E+00 |
| 745 | 56.5000 | 7.26250 | 0.288658E-14 |
| 746 | 58.0000 | 7.26250 | 0.000000E+00 |
| 747 | 59.3750 | 7.26250 | 0.000000E+00 |
| 748 | 60.7500 | 7.26250 | 0.000000E+00 |
| 749 | 62.1667 | 7.26250 | 0.000000E+00 |
| 750 | 63.5833 | 7.26250 | 0.000000E+00 |
| 751 | 65.0000 | 7.26250 | 0.000000E+00 |
| 752 | 66.3333 | 7.26250 | 0.000000E+00 |
| 753 | 67.6667 | 7.26250 | 0.000000E+00 |
| 754 | 69.0000 | 7.26250 | 0.399680E-14 |
| 755 | 70.0000 | 7.26250 | 0.000000E+00 |
| 756 | 71.5000 | 7.26250 | 0.000000E+00 |
| 757 | 73.0000 | 7.26250 | 0.000000E+00 |
| 758 | 74.3333 | 7.26250 | 0.000000E+00 |
| 759 | 75.6667 | 7.26250 | 0.000000E+00 |
| 760 | 77.0000 | 7.26250 | 0.000000E+00 |
| 761 | 78.3333 | 7.26250 | 0.000000E+00 |
| 762 | 79.6667 | 7.26250 | 0.000000E+00 |
| 763 | 81.0000 | 7.26250 | 0.000000E+00 |
| 764 | 0.000000E+00 | 8.90000 | 0.000000E+00 |
| 765 | 1.33333 | 8.90000 | 0.000000E+00 |
| 766 | 2.66667 | 8.90000 | 0.000000E+00 |
| 767 | 4.00000 | 8.90000 | 0.000000E+00 |
| 768 | 5.33333 | 8.90000 | 0.000000E+00 |
| 769 | 6.66667 | 8.90000 | 0.000000E+00 |
| 770 | 8.00000 | 8.90000 | 0.000000E+00 |

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|---|---|---|---|
| 771 | 10.0000 | 8.90000 | 0.000000E+00 |
| 772 | 12.0000 | 8.90000 | 0.000000E+00 |
| 773 | 13.3333 | 8.90000 | 0.000000E+00 |
| 774 | 14.6667 | 8.90000 | 0.000000E+00 |
| 775 | 16.0000 | 8.90000 | 0.000000E+00 |
| 776 | 17.3333 | 8.90000 | 0.000000E+00 |
| 777 | 18.6667 | 8.90000 | 0.000000E+00 |
| 778 | 20.0000 | 8.90000 | 0.000000E+00 |
| 779 | 22.0000 | 8.90000 | 0.000000E+00 |
| 780 | 24.0000 | 8.90000 | 0.000000E+00 |
| 781 | 25.3333 | 8.90000 | 0.000000E+00 |
| 782 | 26.6667 | 8.90000 | 0.000000E+00 |
| 783 | 28.0000 | 8.90000 | 0.000000E+00 |
| 784 | 29.3333 | 8.90000 | 0.000000E+00 |
| 785 | 30.6667 | 8.90000 | 0.000000E+00 |
| 786 | 32.0000 | 8.90000 | 0.000000E+00 |
| 787 | 34.0000 | 8.90000 | 0.000000E+00 |
| 788 | 36.0000 | 8.90000 | 0.000000E+00 |
| 789 | 37.3333 | 8.90000 | 0.000000E+00 |
| 790 | 38.6667 | 8.90000 | 0.000000E+00 |
| 791 | 40.0000 | 8.90000 | 0.000000E+00 |
| 792 | 41.3333 | 8.90000 | 0.000000E+00 |
| 793 | 42.6667 | 8.90000 | 0.000000E+00 |
| 794 | 44.0000 | 8.90000 | 0.000000E+00 |
| 795 | 46.0000 | 8.90000 | 0.000000E+00 |
| 796 | 48.0000 | 8.90000 | 0.000000E+00 |
| 797 | 49.4167 | 8.90000 | 0.000000E+00 |
| 798 | 50.8333 | 8.90000 | 0.000000E+00 |
| 799 | 52.2500 | 8.90000 | 0.000000E+00 |
| 800 | 53.6667 | 8.90000 | 0.000000E+00 |
| 801 | 55.0833 | 8.90000 | 0.000000E+00 |
| 802 | 56.5000 | 8.90000 | 0.000000E+00 |
| 803 | 58.0000 | 8.90000 | 0.000000E+00 |
| 804 | 59.3750 | 8.90000 | 0.000000E+00 |
| 805 | 60.7500 | 8.90000 | 0.000000E+00 |
| 806 | 62.1667 | 8.90000 | 0.000000E+00 |
| 807 | 63.5833 | 8.90000 | 0.000000E+00 |
| 808 | 65.0000 | 8.90000 | 0.000000E+00 |
| 809 | 66.3333 | 8.90000 | 0.000000E+00 |
| 810 | 67.6667 | 8.90000 | 0.000000E+00 |
| 811 | 69.0000 | 8.90000 | 0.000000E+00 |
| 812 | 70.0000 | 8.90000 | 0.000000E+00 |
| 813 | 71.5000 | 8.90000 | 0.000000E+00 |
| 814 | 73.0000 | 8.90000 | 0.000000E+00 |
| 815 | 74.3333 | 8.90000 | 0.000000E+00 |
| 816 | 75.6667 | 8.90000 | 0.000000E+00 |
| 817 | 77.0000 | 8.90000 | 0.000000E+00 |
| 818 | 78.3333 | 8.90000 | 0.000000E+00 |
| 819 | 79.6667 | 8.90000 | 0.000000E+00 |
| 820 | 81.0000 | 8.90000 | 0.000000E+00 |
| 821 | 0.000000E+00 | 10.5000 | 0.000000E+00 |
| 822 | 1.33333 | 10.5000 | 0.000000E+00 |
| 823 | 2.66667 | 10.5000 | 0.000000E+00 |
| 824 | 4.00000 | 10.5000 | 0.000000E+00 |
| 825 | 5.33333 | 10.5000 | 0.000000E+00 |
| 826 | 6.66667 | 10.5000 | 0.000000E+00 |
| 827 | 8.00000 | 10.5000 | 0.000000E+00 |
| 828 | 10.0000 | 10.5000 | 0.000000E+00 |
| 829 | 12.0000 | 10.5000 | 0.000000E+00 |
| 830 | 13.3333 | 10.5000 | 0.000000E+00 |
| 831 | 14.6667 | 10.5000 | 0.000000E+00 |
| 832 | 16.0000 | 10.5000 | 0.000000E+00 |
| 833 | 17.3333 | 10.5000 | 0.000000E+00 |
| 834 | 18.6667 | 10.5000 | 0.000000E+00 |
| 835 | 20.0000 | 10.5000 | 0.000000E+00 |
| 836 | 22.0000 | 10.5000 | 0.000000E+00 |
| 837 | 24.0000 | 10.5000 | 0.000000E+00 |
| 838 | 25.3333 | 10.5000 | 0.000000E+00 |
| 839 | 26.6667 | 10.5000 | 0.000000E+00 |
| 840 | 28.0000 | 10.5000 | 0.000000E+00 |
| 841 | 29.3333 | 10.5000 | 0.000000E+00 |
| 842 | 30.6667 | 10.5000 | 0.000000E+00 |
| 843 | 32.0000 | 10.5000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 844 | 34.0000 | 10.5000 | 0.000000E+00 |
| 845 | 36.0000 | 10.5000 | 0.000000E+00 |
| 846 | 37.3333 | 10.5000 | 0.000000E+00 |
| 847 | 38.6667 | 10.5000 | 0.000000E+00 |
| 848 | 40.0000 | 10.5000 | 0.000000E+00 |
| 849 | 41.3333 | 10.5000 | 0.000000E+00 |
| 850 | 42.6667 | 10.5000 | 0.000000E+00 |
| 851 | 44.0000 | 10.5000 | 0.000000E+00 |
| 852 | 46.0000 | 10.5000 | 0.000000E+00 |
| 853 | 48.0000 | 10.5000 | 0.000000E+00 |
| 854 | 49.4167 | 10.5000 | 0.000000E+00 |
| 855 | 50.8333 | 10.5000 | 0.000000E+00 |
| 856 | 52.2500 | 10.5000 | 0.000000E+00 |
| 857 | 53.6667 | 10.5000 | 0.000000E+00 |
| 858 | 55.0833 | 10.5000 | 0.000000E+00 |
| 859 | 56.5000 | 10.5000 | 0.000000E+00 |
| 860 | 58.0000 | 10.5000 | 0.000000E+00 |
| 861 | 59.3750 | 10.5000 | 0.000000E+00 |
| 862 | 60.7500 | 10.5000 | 0.000000E+00 |
| 863 | 62.1667 | 10.5000 | 0.000000E+00 |
| 864 | 63.5833 | 10.5000 | 0.000000E+00 |
| 865 | 65.0000 | 10.5000 | 0.000000E+00 |
| 866 | 66.3333 | 10.5000 | 0.000000E+00 |
| 867 | 67.6667 | 10.5000 | 0.000000E+00 |
| 868 | 69.0000 | 10.5000 | 0.000000E+00 |
| 869 | 70.0000 | 10.5000 | 0.000000E+00 |
| 870 | 71.5000 | 10.5000 | 0.000000E+00 |
| 871 | 73.0000 | 10.5000 | 0.000000E+00 |
| 872 | 74.3333 | 10.5000 | 0.000000E+00 |
| 873 | 75.6667 | 10.5000 | 0.000000E+00 |
| 874 | 77.0000 | 10.5000 | 0.000000E+00 |
| 875 | 78.3333 | 10.5000 | 0.000000E+00 |
| 876 | 79.6667 | 10.5000 | 0.000000E+00 |
| 877 | 81.0000 | 10.5000 | 0.000000E+00 |
| 878 | 0.000000E+00 | 11.2500 | 0.000000E+00 |
| 879 | 1.33333 | 11.2500 | 0.000000E+00 |
| 880 | 2.66667 | 11.2500 | 0.000000E+00 |
| 881 | 4.00000 | 11.2500 | 0.000000E+00 |
| 882 | 5.33333 | 11.2500 | 0.000000E+00 |
| 883 | 6.66667 | 11.2500 | 0.000000E+00 |
| 884 | 8.00000 | 11.2500 | 0.000000E+00 |
| 885 | 10.0000 | 11.2500 | 0.000000E+00 |
| 886 | 12.0000 | 11.2500 | 0.000000E+00 |
| 887 | 13.3333 | 11.2500 | 0.000000E+00 |
| 888 | 14.6667 | 11.2500 | 0.000000E+00 |
| 889 | 16.0000 | 11.2500 | 0.000000E+00 |
| 890 | 17.3333 | 11.2500 | 0.000000E+00 |
| 891 | 18.6667 | 11.2500 | 0.000000E+00 |
| 892 | 20.0000 | 11.2500 | 0.000000E+00 |
| 893 | 22.0000 | 11.2500 | 0.000000E+00 |
| 894 | 24.0000 | 11.2500 | 0.000000E+00 |
| 895 | 25.3333 | 11.2500 | 0.000000E+00 |
| 896 | 26.6667 | 11.2500 | 0.000000E+00 |
| 897 | 28.0000 | 11.2500 | 0.000000E+00 |
| 898 | 29.3333 | 11.2500 | 0.000000E+00 |
| 899 | 30.6667 | 11.2500 | 0.000000E+00 |
| 900 | 32.0000 | 11.2500 | 0.000000E+00 |
| 901 | 34.0000 | 11.2500 | 0.000000E+00 |
| 902 | 36.0000 | 11.2500 | 0.000000E+00 |
| 903 | 37.3333 | 11.2500 | 0.000000E+00 |
| 904 | 38.6667 | 11.2500 | 0.000000E+00 |
| 905 | 40.0000 | 11.2500 | 0.000000E+00 |
| 906 | 41.3333 | 11.2500 | 0.000000E+00 |
| 907 | 42.6667 | 11.2500 | 0.000000E+00 |
| 908 | 44.0000 | 11.2500 | 0.000000E+00 |
| 909 | 46.0000 | 11.2500 | 0.000000E+00 |
| 910 | 48.0000 | 11.2500 | 0.000000E+00 |
| 911 | 49.4167 | 11.2500 | 0.000000E+00 |
| 912 | 50.8333 | 11.2500 | 0.000000E+00 |
| 913 | 52.2500 | 11.2500 | 0.000000E+00 |
| 914 | 53.6667 | 11.2500 | 0.000000E+00 |
| 915 | 55.0833 | 11.2500 | 0.000000E+00 |
| 916 | 56.5000 | 11.2500 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 917 | 58.0000 | 11.2500 | 0.000000E+00 |
| 918 | 59.3750 | 11.2500 | 0.000000E+00 |
| 919 | 60.7500 | 11.2500 | 0.000000E+00 |
| 920 | 62.1667 | 11.2500 | 0.000000E+00 |
| 921 | 63.5833 | 11.2500 | 0.000000E+00 |
| 922 | 65.0000 | 11.2500 | 0.000000E+00 |
| 923 | 66.3333 | 11.2500 | 0.000000E+00 |
| 924 | 67.6667 | 11.2500 | 0.000000E+00 |
| 925 | 69.0000 | 11.2500 | 0.000000E+00 |
| 926 | 70.0000 | 11.2500 | 0.000000E+00 |
| 927 | 71.5000 | 11.2500 | 0.000000E+00 |
| 928 | 73.0000 | 11.2500 | 0.000000E+00 |
| 929 | 74.3333 | 11.2500 | 0.000000E+00 |
| 930 | 75.6667 | 11.2500 | 0.000000E+00 |
| 931 | 77.0000 | 11.2500 | 0.000000E+00 |
| 932 | 78.3333 | 11.2500 | 0.000000E+00 |
| 933 | 79.6667 | 11.2500 | 0.000000E+00 |
| 934 | 81.0000 | 11.2500 | 0.000000E+00 |
| 935 | 8.00000 | 3.35000 | 0.000000E+00 |
| 936 | 22.0000 | 3.35000 | 0.000000E+00 |
| 937 | 32.0000 | 3.35000 | 0.000000E+00 |
| 938 | 46.0000 | 3.35000 | 0.000000E+00 |
| 939 | 70.0000 | 3.35000 | 0.000000E+00 |
| 940 | 71.5000 | 3.35000 | 0.000000E+00 |
| 941 | 8.00000 | 9.90000 | 0.000000E+00 |
| 942 | 22.0000 | 9.90000 | 0.000000E+00 |
| 943 | 32.0000 | 9.90000 | 0.000000E+00 |
| 944 | 46.0000 | 9.90000 | 0.000000E+00 |
| 945 | 70.0000 | 9.90000 | 0.000000E+00 |
| 946 | 71.5000 | 9.90000 | 0.000000E+00 |
| 947 | 56.5000 | 3.35000 | 0.000000E+00 |
| 948 | 56.5000 | 9.90000 | 0.000000E+00 |
| 949 | 0.000000E+00 | 3.35000 | 0.000000E+00 |
| 950 | 1.33333 | 3.35000 | 0.000000E+00 |
| 951 | 2.66667 | 3.35000 | 0.000000E+00 |
| 952 | 4.00000 | 3.35000 | 0.000000E+00 |
| 953 | 5.33333 | 3.35000 | 0.000000E+00 |
| 954 | 6.66667 | 3.35000 | 0.000000E+00 |
| 955 | 0.000000E+00 | 9.90000 | 0.000000E+00 |
| 956 | 1.33333 | 9.90000 | 0.000000E+00 |
| 957 | 2.66667 | 9.90000 | 0.000000E+00 |
| 958 | 4.00000 | 9.90000 | 0.000000E+00 |
| 959 | 5.33333 | 9.90000 | 0.000000E+00 |
| 960 | 6.66667 | 9.90000 | 0.000000E+00 |
| 961 | 10.0000 | 3.35000 | 0.000000E+00 |
| 962 | 12.0000 | 3.35000 | 0.000000E+00 |
| 963 | 13.3333 | 3.35000 | 0.000000E+00 |
| 964 | 14.6667 | 3.35000 | 0.000000E+00 |
| 965 | 10.0000 | 9.90000 | 0.000000E+00 |
| 966 | 12.0000 | 9.90000 | 0.000000E+00 |
| 967 | 13.3333 | 9.90000 | 0.000000E+00 |
| 968 | 14.6667 | 9.90000 | 0.000000E+00 |
| 969 | 16.0000 | 3.35000 | 0.000000E+00 |
| 970 | 17.3333 | 3.35000 | 0.000000E+00 |
| 971 | 18.6667 | 3.35000 | 0.000000E+00 |
| 972 | 20.0000 | 3.35000 | 0.000000E+00 |
| 973 | 16.0000 | 9.90000 | 0.000000E+00 |
| 974 | 17.3333 | 9.90000 | 0.000000E+00 |
| 975 | 18.6667 | 9.90000 | 0.000000E+00 |
| 976 | 20.0000 | 9.90000 | 0.000000E+00 |
| 977 | 24.0000 | 3.35000 | 0.000000E+00 |
| 978 | 25.3333 | 3.35000 | 0.000000E+00 |
| 979 | 26.6667 | 3.35000 | 0.000000E+00 |
| 980 | 28.0000 | 3.35000 | 0.000000E+00 |
| 981 | 29.3333 | 3.35000 | 0.000000E+00 |
| 982 | 30.6667 | 3.35000 | 0.000000E+00 |
| 983 | 24.0000 | 9.90000 | 0.000000E+00 |
| 984 | 25.3333 | 9.90000 | 0.000000E+00 |
| 985 | 26.6667 | 9.90000 | 0.000000E+00 |
| 986 | 28.0000 | 9.90000 | 0.000000E+00 |
| 987 | 29.3333 | 9.90000 | 0.000000E+00 |
| 988 | 30.6667 | 9.90000 | 0.000000E+00 |
| 989 | 34.0000 | 3.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 990 | 36.0000 | 3.35000 | 0.000000E+00 |
| 991 | 37.3333 | 3.35000 | 0.000000E+00 |
| 992 | 38.6667 | 3.35000 | 0.000000E+00 |
| 993 | 34.0000 | 9.90000 | 0.000000E+00 |
| 994 | 36.0000 | 9.90000 | 0.000000E+00 |
| 995 | 37.3333 | 9.90000 | 0.000000E+00 |
| 996 | 38.6667 | 9.90000 | 0.000000E+00 |
| 997 | 40.0000 | 3.35000 | 0.000000E+00 |
| 998 | 41.3333 | 3.35000 | 0.000000E+00 |
| 999 | 42.6667 | 3.35000 | 0.000000E+00 |
| 1000 | 44.0000 | 3.35000 | 0.000000E+00 |
| 1001 | 40.0000 | 9.90000 | 0.000000E+00 |
| 1002 | 41.3333 | 9.90000 | 0.000000E+00 |
| 1003 | 42.6667 | 9.90000 | 0.000000E+00 |
| 1004 | 44.0000 | 9.90000 | 0.000000E+00 |
| 1005 | 48.0000 | 3.35000 | 0.000000E+00 |
| 1006 | 49.4167 | 3.35000 | 0.000000E+00 |
| 1007 | 50.8333 | 3.35000 | 0.000000E+00 |
| 1008 | 52.2500 | 3.35000 | 0.000000E+00 |
| 1009 | 53.6667 | 3.35000 | 0.000000E+00 |
| 1010 | 55.0833 | 3.35000 | 0.000000E+00 |
| 1011 | 48.0000 | 9.90000 | 0.000000E+00 |
| 1012 | 49.4167 | 9.90000 | 0.000000E+00 |
| 1013 | 50.8333 | 9.90000 | 0.000000E+00 |
| 1014 | 52.2500 | 9.90000 | 0.000000E+00 |
| 1015 | 53.6667 | 9.90000 | 0.000000E+00 |
| 1016 | 55.0833 | 9.90000 | 0.000000E+00 |
| 1017 | 58.0000 | 3.35000 | 0.000000E+00 |
| 1018 | 59.3750 | 3.35000 | 0.000000E+00 |
| 1019 | 60.7500 | 3.35000 | 0.000000E+00 |
| 1020 | 62.1667 | 3.35000 | 0.000000E+00 |
| 1021 | 63.5833 | 3.35000 | 0.000000E+00 |
| 1022 | 58.0000 | 9.90000 | 0.000000E+00 |
| 1023 | 59.3750 | 9.90000 | 0.000000E+00 |
| 1024 | 60.7500 | 9.90000 | 0.000000E+00 |
| 1025 | 62.1667 | 9.90000 | 0.000000E+00 |
| 1026 | 63.5833 | 9.90000 | 0.000000E+00 |
| 1027 | 65.0000 | 3.35000 | 0.000000E+00 |
| 1028 | 66.3333 | 3.35000 | 0.000000E+00 |
| 1029 | 67.6667 | 3.35000 | 0.000000E+00 |
| 1030 | 69.0000 | 3.35000 | 0.000000E+00 |
| 1031 | 65.0000 | 9.90000 | 0.000000E+00 |
| 1032 | 66.3333 | 9.90000 | 0.000000E+00 |
| 1033 | 67.6667 | 9.90000 | 0.000000E+00 |
| 1034 | 69.0000 | 9.90000 | 0.000000E+00 |
| 1035 | 73.0000 | 3.35000 | 0.000000E+00 |
| 1036 | 74.3333 | 3.35000 | 0.000000E+00 |
| 1037 | 75.6667 | 3.35000 | 0.000000E+00 |
| 1038 | 77.0000 | 3.35000 | 0.000000E+00 |
| 1039 | 78.3333 | 3.35000 | 0.000000E+00 |
| 1040 | 79.6667 | 3.35000 | 0.000000E+00 |
| 1041 | 73.0000 | 9.90000 | 0.000000E+00 |
| 1042 | 74.3333 | 9.90000 | 0.000000E+00 |
| 1043 | 75.6667 | 9.90000 | 0.000000E+00 |
| 1044 | 77.0000 | 9.90000 | 0.000000E+00 |
| 1045 | 78.3333 | 9.90000 | 0.000000E+00 |
| 1046 | 79.6667 | 9.90000 | 0.000000E+00 |
| 1047 | -1.00000 | 2.35000 | -1.10000 |
| 1048 | -1.00000 | 3.98750 | -1.10000 |
| 1049 | -1.00000 | 5.62500 | -1.10000 |
| 1050 | -1.00000 | 7.26250 | -1.10000 |
| 1051 | 7.00000 | 2.35000 | -1.10000 |
| 1052 | 7.00000 | 3.98750 | -1.10000 |
| 1053 | 7.00000 | 5.62500 | -1.10000 |
| 1054 | 7.00000 | 7.26250 | -1.10000 |
| 1055 | 15.0000 | 2.35000 | -1.10000 |
| 1056 | 15.0000 | 3.98750 | -1.10000 |
| 1057 | 15.0000 | 5.62500 | -1.10000 |
| 1058 | 15.0000 | 7.26250 | -1.10000 |
| 1059 | 23.0000 | 2.35000 | -1.10000 |
| 1060 | 23.0000 | 3.98750 | -1.10000 |
| 1061 | 23.0000 | 5.62500 | -1.10000 |
| 1062 | 23.0000 | 7.26250 | -1.10000 |

| | | | |
|---|---|---|---|
| 1063 | 31.0000 | 2.35000 | -1.10000 |
| 1064 | 31.0000 | 3.98750 | -1.10000 |
| 1065 | 31.0000 | 5.62500 | -1.10000 |
| 1066 | 31.0000 | 7.26250 | -1.10000 |
| 1067 | 39.0000 | 2.35000 | -1.10000 |
| 1068 | 39.0000 | 3.98750 | -1.10000 |
| 1069 | 39.0000 | 5.62500 | -1.10000 |
| 1070 | 39.0000 | 7.26250 | -1.10000 |
| 1071 | 47.0000 | 2.35000 | -1.10000 |
| 1072 | 47.0000 | 3.98750 | -1.10000 |
| 1073 | 47.0000 | 5.62500 | -1.10000 |
| 1074 | 47.0000 | 7.26250 | -1.10000 |
| 1075 | 55.5000 | 2.35000 | -1.10000 |
| 1076 | 55.5000 | 3.98750 | -1.10000 |
| 1077 | 55.5000 | 5.62500 | -1.10000 |
| 1078 | 55.5000 | 7.26250 | -1.10000 |
| 1079 | 64.0000 | 2.35000 | -1.10000 |
| 1080 | 64.0000 | 3.98750 | -1.10000 |
| 1081 | 64.0000 | 5.62500 | -1.10000 |
| 1082 | 64.0000 | 7.26250 | -1.10000 |
| 1083 | 72.0000 | 2.35000 | -1.10000 |
| 1084 | 72.0000 | 3.98750 | -1.10000 |
| 1085 | 72.0000 | 5.62500 | -1.10000 |
| 1086 | 72.0000 | 7.26250 | -1.10000 |
| 1087 | 80.0000 | 2.35000 | -1.10000 |
| 1088 | 80.0000 | 3.98750 | -1.10000 |
| 1089 | 80.0000 | 5.62500 | -1.10000 |
| 1090 | 80.0000 | 7.26250 | -1.10000 |
| 1091 | 41.0917 | 8.90000 | -2.80000 |
| 1092 | 41.0917 | 5.62500 | -2.80000 |
| 1093 | 40.0000 | 4.62500 | -6.80000 |
| 1094 | 40.0000 | 4.62500 | -5.46667 |
| 1095 | 40.0000 | 4.62500 | -4.13333 |
| 1096 | 40.0000 | 4.62500 | -8.60000 |
| 1097 | 40.0000 | 9.90000 | -2.30000 |
| 1098 | 40.0000 | 3.35000 | -2.30000 |
| 1099 | 79.9083 | 5.62500 | -2.80000 |
| 1100 | 81.0000 | 7.90000 | -2.80000 |
| 1101 | 81.0000 | 3.35000 | -2.30000 |
| 1102 | 79.9083 | 2.35000 | -2.80000 |
| 1103 | -1.09167 | 5.62500 | -2.80000 |
| 1104 | 0.000000E+00 | 7.90000 | -2.80000 |
| 1105 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1106 | -1.09167 | 2.35000 | -2.80000 |
| 1107 | 1.00000 | 8.90000 | -1.75000 |
| 1108 | 1.00000 | 8.90000 | -1.42500 |
| 1109 | 1.00000 | 8.90000 | -2.30000 |
| 1110 | 1.00000 | 8.90000 | -2.02500 |
| 1111 | 9.00000 | 8.90000 | -1.49500 |
| 1112 | 9.00000 | 8.90000 | -1.29750 |
| 1113 | 9.00000 | 8.90000 | -2.30000 |
| 1114 | 9.00000 | 8.90000 | -1.89750 |
| 1115 | 17.0000 | 8.90000 | -1.49500 |
| 1116 | 17.0000 | 8.90000 | -1.29750 |
| 1117 | 17.0000 | 8.90000 | -2.30000 |
| 1118 | 17.0000 | 8.90000 | -1.89750 |
| 1119 | 25.0000 | 8.90000 | -1.49500 |
| 1120 | 25.0000 | 8.90000 | -1.29750 |
| 1121 | 25.0000 | 8.90000 | -2.30000 |
| 1122 | 25.0000 | 8.90000 | -1.89750 |
| 1123 | 33.0000 | 8.90000 | -1.49500 |
| 1124 | 33.0000 | 8.90000 | -1.29750 |
| 1125 | 33.0000 | 8.90000 | -2.30000 |
| 1126 | 33.0000 | 8.90000 | -1.89750 |
| 1127 | 41.0000 | 8.90000 | -1.75000 |
| 1128 | 41.0000 | 8.90000 | -1.42500 |
| 1129 | 41.0000 | 8.90000 | -2.30000 |
| 1130 | 41.0000 | 8.90000 | -2.02500 |
| 1131 | 49.0000 | 8.90000 | -1.49500 |
| 1132 | 49.0000 | 8.90000 | -1.29750 |
| 1133 | 49.0000 | 8.90000 | -2.30000 |
| 1134 | 49.0000 | 8.90000 | -1.89750 |
| 1135 | 57.5000 | 8.90000 | -1.49500 |

| | | | |
|---|---|---|---|
| 1136 | 57.5000 | 8.90000 | -1.29750 |
| 1137 | 57.5000 | 8.90000 | -2.30000 |
| 1138 | 57.5000 | 8.90000 | -1.89750 |
| 1139 | 66.0000 | 8.90000 | -1.49500 |
| 1140 | 66.0000 | 8.90000 | -1.29750 |
| 1141 | 66.0000 | 8.90000 | -2.30000 |
| 1142 | 66.0000 | 8.90000 | -1.89750 |
| 1143 | 74.0000 | 8.90000 | -1.49500 |
| 1144 | 74.0000 | 8.90000 | -1.29750 |
| 1145 | 74.0000 | 8.90000 | -2.30000 |
| 1146 | 74.0000 | 8.90000 | -1.89750 |
| 1147 | 82.0000 | 8.90000 | -1.75000 |
| 1148 | 82.0000 | 8.90000 | -1.42500 |
| 1149 | 82.0000 | 8.90000 | -2.30000 |
| 1150 | 82.0000 | 8.90000 | -2.02500 |
| 1151 | -1.00000 | 2.35000 | -1.75000 |
| 1152 | -1.00000 | 2.35000 | -1.42500 |
| 1153 | -1.00000 | 2.35000 | -2.30000 |
| 1154 | -1.00000 | 2.35000 | -2.02500 |
| 1155 | 7.00000 | 2.35000 | -1.49500 |
| 1156 | 7.00000 | 2.35000 | -1.29750 |
| 1157 | 7.00000 | 2.35000 | -2.30000 |
| 1158 | 7.00000 | 2.35000 | -1.89750 |
| 1159 | 15.0000 | 2.35000 | -1.49500 |
| 1160 | 15.0000 | 2.35000 | -1.29750 |
| 1161 | 15.0000 | 2.35000 | -2.30000 |
| 1162 | 15.0000 | 2.35000 | -1.89750 |
| 1163 | 23.0000 | 2.35000 | -1.49500 |
| 1164 | 23.0000 | 2.35000 | -1.29750 |
| 1165 | 23.0000 | 2.35000 | -2.30000 |
| 1166 | 23.0000 | 2.35000 | -1.89750 |
| 1167 | 31.0000 | 2.35000 | -1.49500 |
| 1168 | 31.0000 | 2.35000 | -1.29750 |
| 1169 | 31.0000 | 2.35000 | -2.30000 |
| 1170 | 31.0000 | 2.35000 | -1.89750 |
| 1171 | 39.0000 | 2.35000 | -1.75000 |
| 1172 | 39.0000 | 2.35000 | -1.42500 |
| 1173 | 39.0000 | 2.35000 | -2.30000 |
| 1174 | 39.0000 | 2.35000 | -2.02500 |
| 1175 | 47.0000 | 2.35000 | -1.49500 |
| 1176 | 47.0000 | 2.35000 | -1.29750 |
| 1177 | 47.0000 | 2.35000 | -2.30000 |
| 1178 | 47.0000 | 2.35000 | -1.89750 |
| 1179 | 55.5000 | 2.35000 | -1.49500 |
| 1180 | 55.5000 | 2.35000 | -1.29750 |
| 1181 | 55.5000 | 2.35000 | -2.30000 |
| 1182 | 55.5000 | 2.35000 | -1.89750 |
| 1183 | 64.0000 | 2.35000 | -1.49500 |
| 1184 | 64.0000 | 2.35000 | -1.29750 |
| 1185 | 64.0000 | 2.35000 | -2.30000 |
| 1186 | 64.0000 | 2.35000 | -1.89750 |
| 1187 | 72.0000 | 2.35000 | -1.49500 |
| 1188 | 72.0000 | 2.35000 | -1.29750 |
| 1189 | 72.0000 | 2.35000 | -2.30000 |
| 1190 | 72.0000 | 2.35000 | -1.89750 |
| 1191 | 80.0000 | 2.35000 | -1.75000 |
| 1192 | 80.0000 | 2.35000 | -1.42500 |
| 1193 | 80.0000 | 2.35000 | -2.30000 |
| 1194 | 80.0000 | 2.35000 | -2.02500 |
| 1195 | 1.00000 | 8.90000 | -0.450000 |
| 1196 | 1.00000 | 8.90000 | -0.225000 |
| 1197 | 1.00000 | 8.90000 | -1.10000 |
| 1198 | 1.00000 | 8.90000 | -0.775000 |
| 1199 | 9.00000 | 8.90000 | -0.705000 |
| 1200 | 9.00000 | 8.90000 | -0.352500 |
| 1201 | 9.00000 | 8.90000 | -1.10000 |
| 1202 | 9.00000 | 8.90000 | -0.902500 |
| 1203 | 17.0000 | 8.90000 | -0.705000 |
| 1204 | 17.0000 | 8.90000 | -0.352500 |
| 1205 | 17.0000 | 8.90000 | -1.10000 |
| 1206 | 17.0000 | 8.90000 | -0.902500 |
| 1207 | 25.0000 | 8.90000 | -0.705000 |
| 1208 | 25.0000 | 8.90000 | -0.352500 |

| | | | |
|---|---|---|---|
| 1209 | 25.0000 | 8.90000 | -1.10000 |
| 1210 | 25.0000 | 8.90000 | -0.902500 |
| 1211 | 33.0000 | 8.90000 | -0.705000 |
| 1212 | 33.0000 | 8.90000 | -0.352500 |
| 1213 | 33.0000 | 8.90000 | -1.10000 |
| 1214 | 33.0000 | 8.90000 | -0.902500 |
| 1215 | 41.0000 | 8.90000 | -0.450000 |
| 1216 | 41.0000 | 8.90000 | -0.225000 |
| 1217 | 41.0000 | 8.90000 | -1.10000 |
| 1218 | 41.0000 | 8.90000 | -0.775000 |
| 1219 | 49.0000 | 8.90000 | -0.705000 |
| 1220 | 49.0000 | 8.90000 | -0.352500 |
| 1221 | 49.0000 | 8.90000 | -1.10000 |
| 1222 | 49.0000 | 8.90000 | -0.902500 |
| 1223 | 57.5000 | 8.90000 | -0.705000 |
| 1224 | 57.5000 | 8.90000 | -0.352500 |
| 1225 | 57.5000 | 8.90000 | -1.10000 |
| 1226 | 57.5000 | 8.90000 | -0.902500 |
| 1227 | 66.0000 | 8.90000 | -0.705000 |
| 1228 | 66.0000 | 8.90000 | -0.352500 |
| 1229 | 66.0000 | 8.90000 | -1.10000 |
| 1230 | 66.0000 | 8.90000 | -0.902500 |
| 1231 | 74.0000 | 8.90000 | -0.705000 |
| 1232 | 74.0000 | 8.90000 | -0.352500 |
| 1233 | 74.0000 | 8.90000 | -1.10000 |
| 1234 | 74.0000 | 8.90000 | -0.902500 |
| 1235 | 82.0000 | 8.90000 | -0.450000 |
| 1236 | 82.0000 | 8.90000 | -0.225000 |
| 1237 | 82.0000 | 8.90000 | -1.10000 |
| 1238 | 82.0000 | 8.90000 | -0.775000 |
| 1239 | -1.00000 | 2.35000 | -0.450000 |
| 1240 | -1.00000 | 2.35000 | -0.225000 |
| 1241 | -1.00000 | 2.35000 | -1.10000 |
| 1242 | -1.00000 | 2.35000 | -0.775000 |
| 1243 | 7.00000 | 2.35000 | -0.705000 |
| 1244 | 7.00000 | 2.35000 | -0.352500 |
| 1245 | 7.00000 | 2.35000 | -1.10000 |
| 1246 | 7.00000 | 2.35000 | -0.902500 |
| 1247 | 15.0000 | 2.35000 | -0.705000 |
| 1248 | 15.0000 | 2.35000 | -0.352500 |
| 1249 | 15.0000 | 2.35000 | -1.10000 |
| 1250 | 15.0000 | 2.35000 | -0.902500 |
| 1251 | 23.0000 | 2.35000 | -0.705000 |
| 1252 | 23.0000 | 2.35000 | -0.352500 |
| 1253 | 23.0000 | 2.35000 | -1.10000 |
| 1254 | 23.0000 | 2.35000 | -0.902500 |
| 1255 | 31.0000 | 2.35000 | -0.705000 |
| 1256 | 31.0000 | 2.35000 | -0.352500 |
| 1257 | 31.0000 | 2.35000 | -1.10000 |
| 1258 | 31.0000 | 2.35000 | -0.902500 |
| 1259 | 39.0000 | 2.35000 | -0.450000 |
| 1260 | 39.0000 | 2.35000 | -0.225000 |
| 1261 | 39.0000 | 2.35000 | -1.10000 |
| 1262 | 39.0000 | 2.35000 | -0.775000 |
| 1263 | 47.0000 | 2.35000 | -0.705000 |
| 1264 | 47.0000 | 2.35000 | -0.352500 |
| 1265 | 47.0000 | 2.35000 | -1.10000 |
| 1266 | 47.0000 | 2.35000 | -0.902500 |
| 1267 | 55.5000 | 2.35000 | -0.705000 |
| 1268 | 55.5000 | 2.35000 | -0.352500 |
| 1269 | 55.5000 | 2.35000 | -1.10000 |
| 1270 | 55.5000 | 2.35000 | -0.902500 |
| 1271 | 64.0000 | 2.35000 | -0.705000 |
| 1272 | 64.0000 | 2.35000 | -0.352500 |
| 1273 | 64.0000 | 2.35000 | -1.10000 |
| 1274 | 64.0000 | 2.35000 | -0.902500 |
| 1275 | 72.0000 | 2.35000 | -0.705000 |
| 1276 | 72.0000 | 2.35000 | -0.352500 |
| 1277 | 72.0000 | 2.35000 | -1.10000 |
| 1278 | 72.0000 | 2.35000 | -0.902500 |
| 1279 | 80.0000 | 2.35000 | -0.450000 |
| 1280 | 80.0000 | 2.35000 | -0.225000 |
| 1281 | 80.0000 | 2.35000 | -1.10000 |

| | | | |
|---|---|---|---|
| 1282 | 80.0000 | 2.35000 | -0.775000 |
| 1283 | 3.00000 | 2.35000 | -1.10000 |
| 1284 | 3.00000 | 3.98750 | -1.10000 |
| 1285 | 3.00000 | 5.62500 | -1.10000 |
| 1286 | 3.00000 | 7.26250 | -1.10000 |
| 1287 | 5.00000 | 8.90000 | -1.49500 |
| 1288 | 5.00000 | 8.90000 | -1.29750 |
| 1289 | 5.00000 | 8.90000 | -2.30000 |
| 1290 | 5.00000 | 8.90000 | -1.89750 |
| 1291 | 3.00000 | 2.35000 | -1.49500 |
| 1292 | 3.00000 | 2.35000 | -1.29750 |
| 1293 | 3.00000 | 2.35000 | -2.30000 |
| 1294 | 3.00000 | 2.35000 | -1.89750 |
| 1295 | 5.00000 | 8.90000 | -0.705000 |
| 1296 | 5.00000 | 8.90000 | -0.352500 |
| 1297 | 5.00000 | 8.90000 | -1.10000 |
| 1298 | 5.00000 | 8.90000 | -0.902500 |
| 1299 | 3.00000 | 2.35000 | -0.705000 |
| 1300 | 3.00000 | 2.35000 | -0.352500 |
| 1301 | 3.00000 | 2.35000 | -1.10000 |
| 1302 | 3.00000 | 2.35000 | -0.902500 |
| 1303 | 11.0000 | 2.35000 | -1.10000 |
| 1304 | 11.0000 | 3.98750 | -1.10000 |
| 1305 | 11.0000 | 5.62500 | -1.10000 |
| 1306 | 11.0000 | 7.26250 | -1.10000 |
| 1307 | 13.0000 | 8.90000 | -1.49500 |
| 1308 | 13.0000 | 8.90000 | -1.29750 |
| 1309 | 13.0000 | 8.90000 | -2.30000 |
| 1310 | 13.0000 | 8.90000 | -1.89750 |
| 1311 | 11.0000 | 2.35000 | -1.49500 |
| 1312 | 11.0000 | 2.35000 | -1.29750 |
| 1313 | 11.0000 | 2.35000 | -2.30000 |
| 1314 | 11.0000 | 2.35000 | -1.89750 |
| 1315 | 13.0000 | 8.90000 | -0.705000 |
| 1316 | 13.0000 | 8.90000 | -0.352500 |
| 1317 | 13.0000 | 8.90000 | -1.10000 |
| 1318 | 13.0000 | 8.90000 | -0.902500 |
| 1319 | 11.0000 | 2.35000 | -0.705000 |
| 1320 | 11.0000 | 2.35000 | -0.352500 |
| 1321 | 11.0000 | 2.35000 | -1.10000 |
| 1322 | 11.0000 | 2.35000 | -0.902500 |
| 1323 | 19.0000 | 2.35000 | -1.10000 |
| 1324 | 19.0000 | 3.98750 | -1.10000 |
| 1325 | 19.0000 | 5.62500 | -1.10000 |
| 1326 | 19.0000 | 7.26250 | -1.10000 |
| 1327 | 21.0000 | 8.90000 | -1.49500 |
| 1328 | 21.0000 | 8.90000 | -1.29750 |
| 1329 | 21.0000 | 8.90000 | -2.30000 |
| 1330 | 21.0000 | 8.90000 | -1.89750 |
| 1331 | 19.0000 | 2.35000 | -1.49500 |
| 1332 | 19.0000 | 2.35000 | -1.29750 |
| 1333 | 19.0000 | 2.35000 | -2.30000 |
| 1334 | 19.0000 | 2.35000 | -1.89750 |
| 1335 | 21.0000 | 8.90000 | -0.705000 |
| 1336 | 21.0000 | 8.90000 | -0.352500 |
| 1337 | 21.0000 | 8.90000 | -1.10000 |
| 1338 | 21.0000 | 8.90000 | -0.902500 |
| 1339 | 19.0000 | 2.35000 | -0.705000 |
| 1340 | 19.0000 | 2.35000 | -0.352500 |
| 1341 | 19.0000 | 2.35000 | -1.10000 |
| 1342 | 19.0000 | 2.35000 | -0.902500 |
| 1343 | 27.0000 | 2.35000 | -1.10000 |
| 1344 | 27.0000 | 3.98750 | -1.10000 |
| 1345 | 27.0000 | 5.62500 | -1.10000 |
| 1346 | 27.0000 | 7.26250 | -1.10000 |
| 1347 | 29.0000 | 8.90000 | -1.49500 |
| 1348 | 29.0000 | 8.90000 | -1.29750 |
| 1349 | 29.0000 | 8.90000 | -2.30000 |
| 1350 | 29.0000 | 8.90000 | -1.89750 |
| 1351 | 27.0000 | 2.35000 | -1.49500 |
| 1352 | 27.0000 | 2.35000 | -1.29750 |
| 1353 | 27.0000 | 2.35000 | -2.30000 |
| 1354 | 27.0000 | 2.35000 | -1.89750 |

| | | | |
|---|---|---|---|
| 1355 | 29.0000 | 8.90000 | -0.705000 |
| 1356 | 29.0000 | 8.90000 | -0.352500 |
| 1357 | 29.0000 | 8.90000 | -1.10000 |
| 1358 | 29.0000 | 8.90000 | -0.902500 |
| 1359 | 27.0000 | 2.35000 | -0.705000 |
| 1360 | 27.0000 | 2.35000 | -0.352500 |
| 1361 | 27.0000 | 2.35000 | -1.10000 |
| 1362 | 27.0000 | 2.35000 | -0.902500 |
| 1363 | 35.0000 | 2.35000 | -1.10000 |
| 1364 | 35.0000 | 3.98750 | -1.10000 |
| 1365 | 35.0000 | 5.62500 | -1.10000 |
| 1366 | 35.0000 | 7.26250 | -1.10000 |
| 1367 | 37.0000 | 8.90000 | -1.49500 |
| 1368 | 37.0000 | 8.90000 | -1.29750 |
| 1369 | 37.0000 | 8.90000 | -2.30000 |
| 1370 | 37.0000 | 8.90000 | -1.89750 |
| 1371 | 35.0000 | 2.35000 | -1.49500 |
| 1372 | 35.0000 | 2.35000 | -1.29750 |
| 1373 | 35.0000 | 2.35000 | -2.30000 |
| 1374 | 35.0000 | 2.35000 | -1.89750 |
| 1375 | 37.0000 | 8.90000 | -0.705000 |
| 1376 | 37.0000 | 8.90000 | -0.352500 |
| 1377 | 37.0000 | 8.90000 | -1.10000 |
| 1378 | 37.0000 | 8.90000 | -0.902500 |
| 1379 | 35.0000 | 2.35000 | -0.705000 |
| 1380 | 35.0000 | 2.35000 | -0.352500 |
| 1381 | 35.0000 | 2.35000 | -1.10000 |
| 1382 | 35.0000 | 2.35000 | -0.902500 |
| 1383 | 43.0000 | 2.35000 | -1.10000 |
| 1384 | 43.0000 | 3.98750 | -1.10000 |
| 1385 | 43.0000 | 5.62500 | -1.10000 |
| 1386 | 43.0000 | 7.26250 | -1.10000 |
| 1387 | 45.0000 | 8.90000 | -1.49500 |
| 1388 | 45.0000 | 8.90000 | -1.29750 |
| 1389 | 45.0000 | 8.90000 | -2.30000 |
| 1390 | 45.0000 | 8.90000 | -1.89750 |
| 1391 | 43.0000 | 2.35000 | -1.49500 |
| 1392 | 43.0000 | 2.35000 | -1.29750 |
| 1393 | 43.0000 | 2.35000 | -2.30000 |
| 1394 | 43.0000 | 2.35000 | -1.89750 |
| 1395 | 45.0000 | 8.90000 | -0.705000 |
| 1396 | 45.0000 | 8.90000 | -0.352500 |
| 1397 | 45.0000 | 8.90000 | -1.10000 |
| 1398 | 45.0000 | 8.90000 | -0.902500 |
| 1399 | 43.0000 | 2.35000 | -0.705000 |
| 1400 | 43.0000 | 2.35000 | -0.352500 |
| 1401 | 43.0000 | 2.35000 | -1.10000 |
| 1402 | 43.0000 | 2.35000 | -0.902500 |
| 1403 | 51.2500 | 2.35000 | -1.10000 |
| 1404 | 51.2500 | 3.98750 | -1.10000 |
| 1405 | 51.2500 | 5.62500 | -1.10000 |
| 1406 | 51.2500 | 7.26250 | -1.10000 |
| 1407 | 53.2500 | 8.90000 | -1.49500 |
| 1408 | 53.2500 | 8.90000 | -1.29750 |
| 1409 | 53.2500 | 8.90000 | -2.30000 |
| 1410 | 53.2500 | 8.90000 | -1.89750 |
| 1411 | 51.2500 | 2.35000 | -1.49500 |
| 1412 | 51.2500 | 2.35000 | -1.29750 |
| 1413 | 51.2500 | 2.35000 | -2.30000 |
| 1414 | 51.2500 | 2.35000 | -1.89750 |
| 1415 | 53.2500 | 8.90000 | -0.705000 |
| 1416 | 53.2500 | 8.90000 | -0.352500 |
| 1417 | 53.2500 | 8.90000 | -1.10000 |
| 1418 | 53.2500 | 8.90000 | -0.902500 |
| 1419 | 51.2500 | 2.35000 | -0.705000 |
| 1420 | 51.2500 | 2.35000 | -0.352500 |
| 1421 | 51.2500 | 2.35000 | -1.10000 |
| 1422 | 51.2500 | 2.35000 | -0.902500 |
| 1423 | 59.7500 | 2.35000 | -1.10000 |
| 1424 | 59.7500 | 3.98750 | -1.10000 |
| 1425 | 59.7500 | 5.62500 | -1.10000 |
| 1426 | 59.7500 | 7.26250 | -1.10000 |
| 1427 | 61.7500 | 8.90000 | -1.49500 |

| | | | |
|---|---|---|---|
| 1428 | 61.7500 | 8.90000 | -1.29750 |
| 1429 | 61.7500 | 8.90000 | -2.30000 |
| 1430 | 61.7500 | 8.90000 | -1.89750 |
| 1431 | 59.7500 | 2.35000 | -1.49500 |
| 1432 | 59.7500 | 2.35000 | -1.29750 |
| 1433 | 59.7500 | 2.35000 | -2.30000 |
| 1434 | 59.7500 | 2.35000 | -1.89750 |
| 1435 | 61.7500 | 8.90000 | -0.705000 |
| 1436 | 61.7500 | 8.90000 | -0.352500 |
| 1437 | 61.7500 | 8.90000 | -1.10000 |
| 1438 | 61.7500 | 8.90000 | -0.902500 |
| 1439 | 59.7500 | 2.35000 | -0.705000 |
| 1440 | 59.7500 | 2.35000 | -0.352500 |
| 1441 | 59.7500 | 2.35000 | -1.10000 |
| 1442 | 59.7500 | 2.35000 | -0.902500 |
| 1443 | 68.0000 | 2.35000 | -1.10000 |
| 1444 | 68.0000 | 3.98750 | -1.10000 |
| 1445 | 68.0000 | 5.62500 | -1.10000 |
| 1446 | 68.0000 | 7.26250 | -1.10000 |
| 1447 | 70.0000 | 8.90000 | -1.49500 |
| 1448 | 70.0000 | 8.90000 | -1.29750 |
| 1449 | 70.0000 | 8.90000 | -2.30000 |
| 1450 | 70.0000 | 8.90000 | -1.89750 |
| 1451 | 68.0000 | 2.35000 | -1.49500 |
| 1452 | 68.0000 | 2.35000 | -1.29750 |
| 1453 | 68.0000 | 2.35000 | -2.30000 |
| 1454 | 68.0000 | 2.35000 | -1.89750 |
| 1455 | 70.0000 | 8.90000 | -0.705000 |
| 1456 | 70.0000 | 8.90000 | -0.352500 |
| 1457 | 70.0000 | 8.90000 | -1.10000 |
| 1458 | 70.0000 | 8.90000 | -0.902500 |
| 1459 | 68.0000 | 2.35000 | -0.705000 |
| 1460 | 68.0000 | 2.35000 | -0.352500 |
| 1461 | 68.0000 | 2.35000 | -1.10000 |
| 1462 | 68.0000 | 2.35000 | -0.902500 |
| 1463 | 76.0000 | 2.35000 | -1.10000 |
| 1464 | 76.0000 | 3.98750 | -1.10000 |
| 1465 | 76.0000 | 5.62500 | -1.10000 |
| 1466 | 76.0000 | 7.26250 | -1.10000 |
| 1467 | 78.0000 | 8.90000 | -1.49500 |
| 1468 | 78.0000 | 8.90000 | -1.29750 |
| 1469 | 78.0000 | 8.90000 | -2.30000 |
| 1470 | 78.0000 | 8.90000 | -1.89750 |
| 1471 | 76.0000 | 2.35000 | -1.49500 |
| 1472 | 76.0000 | 2.35000 | -1.29750 |
| 1473 | 76.0000 | 2.35000 | -2.30000 |
| 1474 | 76.0000 | 2.35000 | -1.89750 |
| 1475 | 78.0000 | 8.90000 | -0.705000 |
| 1476 | 78.0000 | 8.90000 | -0.352500 |
| 1477 | 78.0000 | 8.90000 | -1.10000 |
| 1478 | 78.0000 | 8.90000 | -0.902500 |
| 1479 | 76.0000 | 2.35000 | -0.705000 |
| 1480 | 76.0000 | 2.35000 | -0.352500 |
| 1481 | 76.0000 | 2.35000 | -1.10000 |
| 1482 | 76.0000 | 2.35000 | -0.902500 |
| 1483 | 41.0000 | 8.90000 | -2.30000 |
| 1484 | 40.0000 | 9.90000 | -2.30000 |
| 1485 | 41.0000 | 2.35000 | -2.30000 |
| 1486 | 40.0000 | 3.35000 | -2.30000 |
| 1487 | 1.00000 | 2.35000 | -2.30000 |
| 1488 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1489 | 1.00000 | 8.90000 | -2.30000 |
| 1490 | 0.000000E+00 | 9.90000 | -2.30000 |
| 1491 | 82.0000 | 2.35000 | -2.30000 |
| 1492 | 81.0000 | 3.35000 | -2.30000 |
| 1493 | 82.0000 | 8.90000 | -2.30000 |
| 1494 | 81.0000 | 9.90000 | -2.30000 |
| 1495 | 41.0000 | 5.62500 | -8.60000 |
| 1496 | 40.0000 | 6.62500 | -8.60000 |
| 1497 | 1.00000 | 5.62500 | -2.80000 |
| 1498 | 0.000000E+00 | 6.62500 | -2.80000 |
| 1499 | 82.0000 | 5.62500 | -2.80000 |
| 1500 | 81.0000 | 6.62500 | -2.80000 |

TOTAL NUMBER OF NODES = 1500
LARGEST NODE NUMBER = 1500

DATA STORAGE LOCATIONS USED = 10500

G E O M E T R I C P R O P E R T I E S

C1__F1
PROPERTY

BMI21 ELEMENTS
1 1ST NODE AREA =0.1076 IYY =0.9835E-01 IZZ = 0.4254E-02 KT =0.3325E-04 ASZ =0.4460E-01
ASY =0.6300E-01 EZ =1.241 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1076 IYY =0.9835E-01 IZZ = 0.4254E-02 KT =0.3325E-04 ASZ =0.4460E-01
ASY =0.6300E-01 EZ =1.241 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C2__F1
PROPERTY

BMI21 ELEMENTS
2 1ST NODE AREA =0.1120 IYY =0.1047 IZZ = 0.4861E-02 KT =0.4992E-04 ASZ =0.3996E-01
ASY =0.7200E-01 EZ =1.325 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1120 IYY =0.1047 IZZ = 0.4861E-02 KT =0.4992E-04 ASZ =0.3996E-01
ASY =0.7200E-01 EZ =1.325 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C3__F1
PROPERTY

BMI21 ELEMENTS
3 1ST NODE AREA =0.1296 IYY =0.1268 IZZ = 0.6076E-02 KT =0.8828E-04 ASZ =0.3960E-01
ASY =0.9000E-01 EZ =1.300 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1296 IYY =0.1268 IZZ = 0.6076E-02 KT =0.8828E-04 ASZ =0.3960E-01
ASY =0.9000E-01 EZ =1.300 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C4__F1
PROPERTY

BMI21 ELEMENTS
4 1ST NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS
5 1ST NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS
6 1ST NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19
2ND NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS
7 1ST NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS
8 1ST NODE AREA =10.75 IYY =1.579 IZZ =
67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =-0.2305E-11
2ND NODE AREA =10.75 IYY =1.579 IZZ =
67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =-0.2305E-11

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS
9 1ST NODE AREA =78.66 IYY =312.1 IZZ =
851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =78.66 IYY =312.1 IZZ =
851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)
PROPERTY

BMI21 ELEMENTS
10 1ST NODE AREA =1.595 IYY =0.1608 IZZ =
0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.595 IYY =0.1608 IZZ =
0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Offset
PROPERTY

BMI21 ELEMENTS
11 1ST NODE AREA =1.000 IYY =1.000 IZZ =
1.000 KT =1.000 ASZ =1.000

```
                        ASY   =1.000        EZ    =0.0000E+00   EY    =
                        0.0000E+00   IYZ   =0.0000E+00
        2ND NODE        AREA  =1.000        IYY   =1.000        IZZ   =
        1.000        KT    =1.000        ASZ   =1.000
                        ASY   =1.000        EZ    =0.0000E+00   EY    =
                        0.0000E+00   IYZ   =0.0000E+00



        G E O M E T R I C   P R O P E R T I E S


 Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)
PROPERTY

        BMI21   ELEMENTS
    12  1ST NODE        AREA  =0.1628E-01   IYY   =0.1869E-03   IZZ   =
    0.1568E-03   KT    =0.1843E-05   ASZ   =0.4391E-02
                        ASY   =0.7966E-02   EZ    =0.8800E-01   EY    =
                        0.0000E+00   IYZ   =0.0000E+00
        2ND NODE        AREA  =0.1628E-01   IYY   =0.1869E-03   IZZ   =
        0.1568E-03   KT    =0.1843E-05   ASZ   =0.4391E-02
                        ASY   =0.7966E-02   EZ    =0.8800E-01   EY    =
                        0.0000E+00   IYZ   =0.0000E+00



        G E O M E T R I C   P R O P E R T I E S


 S=0.3m
PROPERTY

        QTS4    ELEMENTS
    14  EZ    = -0.1500     T1    =  0.3000     T2    =  0.3000     T3
    =  0.3000     T4    =  0.3000



        G E O M E T R I C   P R O P E R T I E S


 Ecc0
PROPERTY

        JSH4    ELEMENTS
    13  ECCENTRICITY =  0.0000E+00

        DATA STORAGE LOCATIONS USED                 =          678



        G E O M E T R I C   A S S I G N M E N T S


        FIRST      LAST       DIFF-     GEOMETRIC    LUSASM
        ELEMENT    ELEMENT    ERENCE       SET        ID NO.

             1          0         0          13         21
             2          0         0           9         18
             3          5         1           8         17
             6          8         1          11         20
             9         10         1          13         21
            11         13         1          11         20
```

| | | | | |
|---|---|---|---|---|
| 14 | 19 | 1 | 10 | 19 |
| 20 | 25 | 1 | 13 | 21 |
| 26 | 31 | 1 | 6 | 15 |
| 32 | 67 | 1 | 12 | 22 |
| 68 | 73 | 1 | 6 | 15 |
| 74 | 109 | 1 | 12 | 22 |
| 110 | 115 | 1 | 6 | 15 |
| 116 | 151 | 1 | 12 | 22 |
| 152 | 157 | 1 | 6 | 15 |
| 158 | 193 | 1 | 12 | 22 |
| 194 | 0 | 0 | 7 | 16 |
| 195 | 203 | 1 | 5 | 14 |
| 204 | 0 | 0 | 7 | 16 |
| 205 | 213 | 1 | 5 | 14 |
| 214 | 215 | 1 | 7 | 16 |
| 216 | 224 | 1 | 5 | 14 |
| 225 | 0 | 0 | 7 | 16 |
| 226 | 234 | 1 | 5 | 14 |
| 235 | 236 | 1 | 7 | 16 |
| 237 | 245 | 1 | 5 | 14 |
| 246 | 0 | 0 | 7 | 16 |
| 247 | 255 | 1 | 5 | 14 |
| 256 | 257 | 1 | 7 | 16 |
| 258 | 266 | 1 | 5 | 14 |
| 267 | 0 | 0 | 7 | 16 |
| 268 | 276 | 1 | 5 | 14 |
| 277 | 0 | 0 | 7 | 16 |
| 278 | 313 | 1 | 12 | 22 |
| 314 | 319 | 1 | 6 | 15 |
| 320 | 355 | 1 | 12 | 22 |
| 356 | 361 | 1 | 6 | 15 |
| 362 | 397 | 1 | 12 | 22 |
| 398 | 403 | 1 | 6 | 15 |
| 404 | 439 | 1 | 12 | 22 |
| 440 | 445 | 1 | 6 | 15 |
| 446 | 557 | 1 | 14 | 13 |
| 558 | 564 | 1 | 1 | 9 |
| 565 | 572 | 1 | 2 | 10 |
| 573 | 580 | 1 | 3 | 11 |
| 581 | 588 | 1 | 4 | 12 |
| 589 | 596 | 1 | 3 | 11 |
| 597 | 605 | 1 | 2 | 10 |
| 606 | 613 | 1 | 1 | 9 |
| 614 | 837 | 1 | 14 | 13 |
| 838 | 844 | 1 | 1 | 9 |
| 845 | 852 | 1 | 2 | 10 |
| 853 | 860 | 1 | 3 | 11 |
| 861 | 868 | 1 | 4 | 12 |
| 869 | 876 | 1 | 3 | 11 |
| 877 | 885 | 1 | 2 | 10 |
| 886 | 893 | 1 | 1 | 9 |
| 894 | 1005 | 1 | 14 | 13 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 58
TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 14

DATA STORAGE LOCATIONS USED = 3015

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_spalle
8 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1260E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

Incastro
9 KX = 0.3000E+10 KY = 0.3000E+10 KZ = 0.3000E+10 KTX
= 0.3000E+10 KTY = 0.3000E+10 KTZ = 0.3000E+10

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_pila
10 KX = 0.2990E+07 KY = 0.2990E+07 KZ = 0.1871E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel (elastic)
1 E = 0.2100E+12 NU = 0.3000 RHO = 7850. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)
2 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
3 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
4 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
5 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
7 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 468

M A T E R I A L A S S I G N M E N T S

| FIRST ELEMENT SET | LAST ELEMENT SET | DIFF-ERENCE ID NO. | MATERIAL SET | NSET STRESS POTENTIAL/ CREEP SET | DAMAGE SET | LusasM MATERIAL SET | VISCOELASTIC SET | TWO PHASE PLASTIC DATA SET | SHRINKAGE SET | KO SMEARED_REINFORCEMENT SET |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 5 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

```
 6          8          1          4          0          0
 0          0         15          0          0          0
 0             0
 9         10          1          9          0          0
 0          0         17          0          0          0
 0             0
11         13          1          4          0          0
0          0         15          0          0          0          0
0
14         19          1          2          0          0
0          0          5          0          0          0          0
0
20          0          0          8          0          0
0          0         16          0          0          0          0
0
21          0          0         10          0          0
0          0         23          0          0          0          0
0
22         23          1          8          0          0
0          0         16          0          0          0          0
0
24          0          0         10          0          0
0          0         23          0          0          0          0
0
25          0          0          8          0          0
0          0         16          0          0          0          0
0
26        109          1          3          0          0
0          0         14          0          0          0          0
0
110       193          1          4          0          0
0          0         15          0          0          0          0
0
194       277          1          1          0          0
0          0          1          0          0          0          0
0
278       361          1          4          0          0
0          0         15          0          0          0          0
0
362       445          1          3          0          0
0          0         14          0          0          0          0
0
446       467          1          2          0          0
0          0          5          0          0          0          0
0
468         0          0          5          0          0
0          0         20          0          0          0          0
0
469       476          1          7          0          0
0          0         22          0          0          0          0
0
477         0          0          6          0          0
0          0         21          0          0          0          0
0
478       523          1          2          0          0
0          0          5          0          0          0          0
0
524         0          0          5          0          0
0          0         20          0          0          0          0
0
525       532          1          7          0          0
0          0         22          0          0          0          0
0
533         0          0          6          0          0
0          0         21          0          0          0          0
0
534       557          1          2          0          0
0          0          5          0          0          0          0
0
558       613          1          1          0          0
0          0          1          0          0          0          0
0
614       635          1          2          0          0
```

```
0       0       5       0       0       0       0
0
636     0       0       5       0       0
0       0       20      0       0       0       0
0
637     644     1       7       0       0
0       0       22      0       0       0       0
0
645     0       0       6       0       0
0       0       21      0       0       0       0
0
646     691     1       2       0       0
0       0       5       0       0       0       0
0
692     0       0       5       0       0
0       0       20      0       0       0       0
0
693     700     1       7       0       0
0       0       22      0       0       0       0
0
701     0       0       6       0       0
0       0       21      0       0       0       0
0
702     747     1       2       0       0
0       0       5       0       0       0       0
0
748     0       0       5       0       0
0       0       20      0       0       0       0
0
749     756     1       7       0       0
0       0       22      0       0       0       0
0
757     0       0       6       0       0
0       0       21      0       0       0       0
0
758     803     1       2       0       0
0       0       5       0       0       0       0
0
804     0       0       5       0       0
0       0       20      0       0       0       0
0
805     812     1       7       0       0
0       0       22      0       0       0       0
0
813     0       0       6       0       0
0       0       21      0       0       0       0
0
814     837     1       2       0       0
0       0       5       0       0       0       0
0
838     893     1       1       0       0
0       0       1       0       0       0       0
0
894     915     1       2       0       0
0       0       5       0       0       0       0
0
916     0       0       5       0       0
0       0       20      0       0       0       0
0
917     924     1       7       0       0
0       0       22      0       0       0       0
0
925     0       0       6       0       0
0       0       21      0       0       0       0
0
926     971     1       2       0       0
0       0       5       0       0       0       0
0
972     0       0       5       0       0
0       0       20      0       0       0       0
0
973     980     1       7       0       0
0       0       22      0       0       0       0
```

```
            0
            981         0         0        6       0            0
            0       0      21         0         0              0       0
            0
            982      1005         1        2       0            0
            0       0       5         0         0              0       0
            0

        TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS =        53


        F R E E D O M   T E M P L A T E

    COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM.
    COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM. COLM.
        1     2     3     4     5     6     7     8     9    10    11
        12    13    14    15    16    17    18    19    20    21
     U     V     W     THX   THY   THZ



        S U P P O R T   N O D E S


        F = FREE
        R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
        S = SPRING

   FIRST    LAST    DIFF       SUPPORT SPRING SUPPORT SPRING SUPPORT
   SPRING SUPPORT SPRING SUPPORT SPRING SUPPORT SPRING SUPPORT
    NODE    NODE    RNCE     CONDITION       CONSTANT       CONSTANT
    CONSTANT       CONSTANT       CONSTANT       CONSTANT
                                       OR PRESCRIBED  OR PRESCRIBED  OR
                                       PRESCRIBED  OR PRESCRIBED  OR
                                       PRESCRIBED  OR PRESCRIBED
                                              VALUE          VALUE
                                              VALUE          VALUE
                                              VALUE          VALUE
                                       FREEDOM     U  FREEDOM     V
                                       FREEDOM     W  FREEDOM   THX
                                       FREEDOM   THY  FREEDOM   THZ
       1       9       8  R R R R R R    0.000000E+00   0.000000E+00
       0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00
      13       0       0  R R R R R R    0.000000E+00   0.000000E+00
      0.000000E+00   0.000000E+00   0.000000E+00   0.000000E+00

        TOTAL NUMBER OF SUPPORT NODES                =            3
        LARGEST NODE NUMBER                          =           13

        DATA STORAGE LOCATIONS USED                  =          162


        L O A D   C A S E      356


  LoadID=1656 Line=683 Dir=Fwd Pos=1

          CONCENTRATED LOAD
    FIRST    LAST    DIFF          FORCE          FORCE          FORCE
    FORCE          FORCE          FORCE
     NODE    NODE    RNCE             FX             FY             FZ
     MX             MY             MZ
      652       0       0   0.00000E+00   0.00000E+00   -3778.6
      0.00000E+00   0.00000E+00   0.00000E+00
      653       0       0   0.00000E+00   0.00000E+00   -5542.0
      0.00000E+00   0.00000E+00   0.00000E+00
      654       0       0   0.00000E+00   0.00000E+00   -755.73
      0.00000E+00   0.00000E+00   0.00000E+00
      709       0       0   0.00000E+00   0.00000E+00   -41221.
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
      710       0       0   0.00000E+00   0.00000E+00   -60458.
      0.00000E+00   0.00000E+00   0.00000E+00
      711       0       0   0.00000E+00   0.00000E+00   -8244.3
      0.00000E+00   0.00000E+00   0.00000E+00
      766       0       0   0.00000E+00   0.00000E+00   -38672.
      0.00000E+00   0.00000E+00   0.00000E+00
      767       0       0   0.00000E+00   0.00000E+00   -56719.
      0.00000E+00   0.00000E+00   0.00000E+00
      768       0       0   0.00000E+00   0.00000E+00   -7734.4
      0.00000E+00   0.00000E+00   0.00000E+00
      823       0       0   0.00000E+00   0.00000E+00   -6328.1
      0.00000E+00   0.00000E+00   0.00000E+00
      824       0       0   0.00000E+00   0.00000E+00   -9281.2
      0.00000E+00   0.00000E+00   0.00000E+00
      825       0       0   0.00000E+00   0.00000E+00   -1265.6
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =           12
          LARGEST NODE OR ELEMENT NUMBER              =          825
```

```
          L O A D   C A S E       357

  LoadID=1656 Line=683 Dir=Fwd Pos=2

           CONCENTRATED LOAD
    FIRST    LAST    DIFF         FORCE         FORCE          FORCE
    FORCE          FORCE         FORCE
     NODE    NODE    RNCE            FX            FY             FZ
     MX             MY             MZ
      653       0       0   0.00000E+00   0.00000E+00   -1165.1
      0.00000E+00   0.00000E+00   0.00000E+00
      654       0       0   0.00000E+00   0.00000E+00   -5542.0
      0.00000E+00   0.00000E+00   0.00000E+00
      655       0       0   0.00000E+00   0.00000E+00   -3369.3
      0.00000E+00   0.00000E+00   0.00000E+00
      710       0       0   0.00000E+00   0.00000E+00   -12710.
      0.00000E+00   0.00000E+00   0.00000E+00
      711       0       0   0.00000E+00   0.00000E+00   -60458.
      0.00000E+00   0.00000E+00   0.00000E+00
      712       0       0   0.00000E+00   0.00000E+00   -36756.
      0.00000E+00   0.00000E+00   0.00000E+00
      767       0       0   0.00000E+00   0.00000E+00   -11924.
      0.00000E+00   0.00000E+00   0.00000E+00
      768       0       0   0.00000E+00   0.00000E+00   -56719.
      0.00000E+00   0.00000E+00   0.00000E+00
      769       0       0   0.00000E+00   0.00000E+00   -34482.
      0.00000E+00   0.00000E+00   0.00000E+00
      824       0       0   0.00000E+00   0.00000E+00   -1951.2
      0.00000E+00   0.00000E+00   0.00000E+00
      825       0       0   0.00000E+00   0.00000E+00   -9281.2
      0.00000E+00   0.00000E+00   0.00000E+00
      826       0       0   0.00000E+00   0.00000E+00   -5642.6
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =           12
          LARGEST NODE OR ELEMENT NUMBER              =          826
```

L O A D C A S E 358

LoadID=1656 Line=683 Dir=Fwd Pos=3

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 650 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1070.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 651 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3967.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 655 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3589.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 656 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5856.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 657 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -629.77 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 707 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11679. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 708 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -43282. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 712 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -39160. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 713 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -63893. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 714 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6870.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 764 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10957. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 765 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -40605. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 769 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -36738. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 770 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -59941. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 771 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6445.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 821 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1793.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 822 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6644.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6011.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9808.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1054.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 828

L O A D C A S E 359

LoadID=1656 Line=683 Dir=Fwd Pos=4

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 651 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2991.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 652 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 653 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1542.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 656 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2330.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 657 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7053.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 658 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -692.75 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 708 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32634. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 709 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 710 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -16832. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 713 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -25420. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 714 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -76947. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 715 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7557.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 765 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30615. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 766 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 767 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15791. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 770 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23848. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 771 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -72188. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 772 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7089.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 822 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5009.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 823 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 824 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2584.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3902.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11813. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1160.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 829

L O A D C A S E 360

LoadID=1656 Line=683 Dir=Fwd Pos=5

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
|---|---|---|---|---|---|---|
| MX | MY | MZ | | | | |
| 652 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -377.86 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 653 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 654 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4156.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 657 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2267.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 658 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6675.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 659 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1133.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 709 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4122.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 710 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 711 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -45344. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 714 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24733. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 715 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -72824. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 716 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12366. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 766 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3867.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 767 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 768 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -42539. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 771 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23203. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 772 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -68320. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 773 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11602. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 823 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -632.81 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 824 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 825 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6960.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3796.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11180. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1898.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 830

L O A D C A S E 361

LoadID=1656 Line=683 Dir=Fwd Pos=6

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 654 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2802.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 655 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 656 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1731.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 658 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -787.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 659 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 660 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3747.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 711 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30573. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 712 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 713 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -18893. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 715 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8587.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 716 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 717 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -40878. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 768 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28682. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 769 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 770 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -17725. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 772 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8056.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 773 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 774 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -38350. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 825 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4693.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2900.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1318.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6275.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 831

L O A D C A S E 362

LoadID=1656 Line=683 Dir=Fwd Pos=7

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
|---|---|---|---|---|---|---|
| FORCE MX | FORCE MY | FORCE MZ | | | | |
| 655 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -188.93 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 656 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6990.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 657 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2896.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 660 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3211.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 661 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 662 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1322.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 712 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2061.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

| | | | | | |
|---|---|---|---|---|---|
| 713 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -76260. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 714 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -31603. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 717 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -35038. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 718 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 719 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14427. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 769 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1933.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 770 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -71543. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 771 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -29648. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 774 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32871. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 775 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 776 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13535. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -316.41 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11707. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4851.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5378.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2214.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 833

L O A D C A S E 363

LoadID=1656 Line=683 Dir=Fwd Pos=8

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| FORCE MX | FORCE MY | FORCE MZ | | | |
| 656 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -62.977 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 657 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7053.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 658 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2959.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 661 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -598.28 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 662 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 663 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3936.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 713 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -687.02 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 714 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -76947. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 715 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32290. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

| | | | | | |
|---|---|---|---|---|---|
| 718 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6526.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 719 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 720 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -42939. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 770 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -644.53 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 771 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -72187. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 772 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30293. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 775 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6123.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 776 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 777 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -40283. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -105.47 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11813. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4957.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1002.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6591.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 834

L O A D C A S E 364

LoadID=1656 Line=683 Dir=Fwd Pos=9

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 658 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 659 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4534.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 663 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3022.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 664 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6045.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 665 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1007.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 715 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 716 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -49466. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 720 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32977. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 721 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -65954. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 722 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10992. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 772 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 773 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -46406. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 777 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30937. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 778 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -61875. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 779 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10313. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7593.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5062.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10125. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1687.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 836

L O A D C A S E 365

LoadID=1656 Line=683 Dir=Fwd Pos=10

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | | | |
|---|---|---|---|---|---|---|---|---|
| FORCE MX | FORCE MY | FORCE MZ | | | | | | |
| 659 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2424.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 660 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 661 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2109.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 664 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1952.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 665 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7053.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 666 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1070.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 716 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -26450. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 717 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 718 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23015. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 721 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -21298. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 722 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -76947. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 723 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11679. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 773 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24814. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 774 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 775 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -21592. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 778 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19980. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 779 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -72188. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 780 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10957. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4060.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3533.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3269.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11813. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1793.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 837

L O A D C A S E 366

LoadID=1656 Line=683 Dir=Fwd Pos=11

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFRNCE | FORCE FX | FORCE FY | FORCE FZ | |
|---|---|---|---|---|---|---|
| MX | MY | MZ | | | | |
| 661 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5164.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 662 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4912.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 665 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1889.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 666 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6486.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 667 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1700.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 718 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56336. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 719 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -53588. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 722 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -20611. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 723 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70763. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 724 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -18550. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 775 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -52852. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 776 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -50273. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 779 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19336. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 780 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -66387. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 781 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -17402. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8648.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8226.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3164.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10863. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

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      838       0       0   0.00000E+00   0.00000E+00   -2847.7
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =            20
          LARGEST NODE OR ELEMENT NUMBER              =           838
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L O A D C A S E 367

LoadID=1656 Line=683 Dir=Fwd Pos=12

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | MX | MY | MZ |
|---|---|---|---|---|---|---|---|---|
| 662 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2235.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 663 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 664 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2298.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 666 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -220.42 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 667 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 668 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4313.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 719 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24389. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 720 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 721 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -25076. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 723 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2404.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 724 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 725 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47061. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 776 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -22881. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 777 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 778 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23525. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 780 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2255.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 781 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 782 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -44150. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3744.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3849.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -369.14 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7224.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 24

LARGEST NODE OR ELEMENT NUMBER = 839

L O A D C A S E 368

LoadID=1656 Line=683 Dir=Fwd Pos=13

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 664 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6549.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 665 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3526.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 668 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2645.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 669 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 670 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1889.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 721 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -71450. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 722 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -38473. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 725 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28855. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 726 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 727 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -20611. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 778 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -67031. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 779 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -36094. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 782 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -27070. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 783 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 784 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19336. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10969. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5906.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4429.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3164.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 841

L O A D C A S E 369

LoadID=1656 Line=683 Dir=Fwd Pos=14

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 665 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6423.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 666 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3652.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 669 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -31.489 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 670 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 671 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4502.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 722 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70076. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 723 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -39847. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 726 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -343.51 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 727 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 728 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -49122. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 779 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -65742. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 780 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -37383. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 783 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -322.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 784 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 785 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -46084. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10758. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6117.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -52.734 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7541.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 842

L O A D C A S E 370

LoadID=1656 Line=683 Dir=Fwd Pos=15

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 666 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4471.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 667 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 668 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -62.977 | | | |

```
      0.00000E+00   0.00000E+00   0.00000E+00
      671       0       0   0.00000E+00   0.00000E+00   -2456.1
      0.00000E+00   0.00000E+00   0.00000E+00
      672       0       0   0.00000E+00   0.00000E+00   -6234.7
      0.00000E+00   0.00000E+00   0.00000E+00
      673       0       0   0.00000E+00   0.00000E+00   -1385.5
      0.00000E+00   0.00000E+00   0.00000E+00
      723       0       0   0.00000E+00   0.00000E+00   -48779.
      0.00000E+00   0.00000E+00   0.00000E+00
      724       0       0   0.00000E+00   0.00000E+00   -60458.
      0.00000E+00   0.00000E+00   0.00000E+00
      725       0       0   0.00000E+00   0.00000E+00   -687.02
      0.00000E+00   0.00000E+00   0.00000E+00
      728       0       0   0.00000E+00   0.00000E+00   -26794.
      0.00000E+00   0.00000E+00   0.00000E+00
      729       0       0   0.00000E+00   0.00000E+00   -68015.
      0.00000E+00   0.00000E+00   0.00000E+00
      730       0       0   0.00000E+00   0.00000E+00   -15115.
      0.00000E+00   0.00000E+00   0.00000E+00
      780       0       0   0.00000E+00   0.00000E+00   -45762.
      0.00000E+00   0.00000E+00   0.00000E+00
      781       0       0   0.00000E+00   0.00000E+00   -56719.
      0.00000E+00   0.00000E+00   0.00000E+00
      782       0       0   0.00000E+00   0.00000E+00   -644.53
      0.00000E+00   0.00000E+00   0.00000E+00
      785       0       0   0.00000E+00   0.00000E+00   -25137.
      0.00000E+00   0.00000E+00   0.00000E+00
      786       0       0   0.00000E+00   0.00000E+00   -63809.
      0.00000E+00   0.00000E+00   0.00000E+00
      787       0       0   0.00000E+00   0.00000E+00   -14180.
      0.00000E+00   0.00000E+00   0.00000E+00
      837       0       0   0.00000E+00   0.00000E+00   -7488.3
      0.00000E+00   0.00000E+00   0.00000E+00
      838       0       0   0.00000E+00   0.00000E+00   -9281.2
      0.00000E+00   0.00000E+00   0.00000E+00
      839       0       0   0.00000E+00   0.00000E+00   -105.47
      0.00000E+00   0.00000E+00   0.00000E+00
      842       0       0   0.00000E+00   0.00000E+00   -4113.3
      0.00000E+00   0.00000E+00   0.00000E+00
      843       0       0   0.00000E+00   0.00000E+00   -10441.
      0.00000E+00   0.00000E+00   0.00000E+00
      844       0       0   0.00000E+00   0.00000E+00   -2320.3
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =            24
          LARGEST NODE OR ELEMENT NUMBER              =           844
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L O A D C A S E 371

LoadID=1656 Line=683 Dir=Fwd Pos=16

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 667 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1857.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 668 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 669 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2676.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 672 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1574.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 673 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7053.4 | | | |

0.00000E+00 0.00000E+00 0.00000E+00
674 0 0 0.00000E+00 0.00000E+00 -1448.5
0.00000E+00 0.00000E+00 0.00000E+00
724 0 0 0.00000E+00 0.00000E+00 -20267.
0.00000E+00 0.00000E+00 0.00000E+00
725 0 0 0.00000E+00 0.00000E+00 -60458.
0.00000E+00 0.00000E+00 0.00000E+00
726 0 0 0.00000E+00 0.00000E+00 -29198.
0.00000E+00 0.00000E+00 0.00000E+00
729 0 0 0.00000E+00 0.00000E+00 -17176.
0.00000E+00 0.00000E+00 0.00000E+00
730 0 0 0.00000E+00 0.00000E+00 -76947.
0.00000E+00 0.00000E+00 0.00000E+00
731 0 0 0.00000E+00 0.00000E+00 -15802.
0.00000E+00 0.00000E+00 0.00000E+00
781 0 0 0.00000E+00 0.00000E+00 -19014.
0.00000E+00 0.00000E+00 0.00000E+00
782 0 0 0.00000E+00 0.00000E+00 -56719.
0.00000E+00 0.00000E+00 0.00000E+00
783 0 0 0.00000E+00 0.00000E+00 -27393.
0.00000E+00 0.00000E+00 0.00000E+00
786 0 0 0.00000E+00 0.00000E+00 -16113.
0.00000E+00 0.00000E+00 0.00000E+00
787 0 0 0.00000E+00 0.00000E+00 -72188.
0.00000E+00 0.00000E+00 0.00000E+00
788 0 0 0.00000E+00 0.00000E+00 -14824.
0.00000E+00 0.00000E+00 0.00000E+00
838 0 0 0.00000E+00 0.00000E+00 -3111.3
0.00000E+00 0.00000E+00 0.00000E+00
839 0 0 0.00000E+00 0.00000E+00 -9281.3
0.00000E+00 0.00000E+00 0.00000E+00
840 0 0 0.00000E+00 0.00000E+00 -4482.4
0.00000E+00 0.00000E+00 0.00000E+00
843 0 0 0.00000E+00 0.00000E+00 -2636.7
0.00000E+00 0.00000E+00 0.00000E+00
844 0 0 0.00000E+00 0.00000E+00 -11813.
0.00000E+00 0.00000E+00 0.00000E+00
845 0 0 0.00000E+00 0.00000E+00 -2425.8
0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 845

L O A D C A S E 372

LoadID=1656 Line=683 Dir=Fwd Pos=17

CONCENTRATED LOAD
FIRST LAST DIFF FORCE FORCE FORCE
FORCE FORCE FORCE
NODE NODE RNCE FX FY FZ
MX MY MZ
669 0 0 0.00000E+00 0.00000E+00 -4282.4
0.00000E+00 0.00000E+00 0.00000E+00
670 0 0 0.00000E+00 0.00000E+00 -5542.0
0.00000E+00 0.00000E+00 0.00000E+00
671 0 0 0.00000E+00 0.00000E+00 -251.91
0.00000E+00 0.00000E+00 0.00000E+00
673 0 0 0.00000E+00 0.00000E+00 -1511.5
0.00000E+00 0.00000E+00 0.00000E+00
674 0 0 0.00000E+00 0.00000E+00 -6297.7
0.00000E+00 0.00000E+00 0.00000E+00
675 0 0 0.00000E+00 0.00000E+00 -2267.2
0.00000E+00 0.00000E+00 0.00000E+00
726 0 0 0.00000E+00 0.00000E+00 -46718.

```
      0.00000E+00   0.00000E+00   0.00000E+00
      727       0       0   0.00000E+00   0.00000E+00   -60458.
      0.00000E+00   0.00000E+00   0.00000E+00
      728       0       0   0.00000E+00   0.00000E+00   -2748.1
      0.00000E+00   0.00000E+00   0.00000E+00
      730       0       0   0.00000E+00   0.00000E+00   -16489.
      0.00000E+00   0.00000E+00   0.00000E+00
      731       0       0   0.00000E+00   0.00000E+00   -68702.
      0.00000E+00   0.00000E+00   0.00000E+00
      732       0       0   0.00000E+00   0.00000E+00   -24733.
      0.00000E+00   0.00000E+00   0.00000E+00
      783       0       0   0.00000E+00   0.00000E+00   -43828.
      0.00000E+00   0.00000E+00   0.00000E+00
      784       0       0   0.00000E+00   0.00000E+00   -56719.
      0.00000E+00   0.00000E+00   0.00000E+00
      785       0       0   0.00000E+00   0.00000E+00   -2578.1
      0.00000E+00   0.00000E+00   0.00000E+00
      787       0       0   0.00000E+00   0.00000E+00   -15469.
      0.00000E+00   0.00000E+00   0.00000E+00
      788       0       0   0.00000E+00   0.00000E+00   -64453.
      0.00000E+00   0.00000E+00   0.00000E+00
      789       0       0   0.00000E+00   0.00000E+00   -23203.
      0.00000E+00   0.00000E+00   0.00000E+00
      840       0       0   0.00000E+00   0.00000E+00   -7171.9
      0.00000E+00   0.00000E+00   0.00000E+00
      841       0       0   0.00000E+00   0.00000E+00   -9281.2
      0.00000E+00   0.00000E+00   0.00000E+00
      842       0       0   0.00000E+00   0.00000E+00   -421.88
      0.00000E+00   0.00000E+00   0.00000E+00
      844       0       0   0.00000E+00   0.00000E+00   -2531.2
      0.00000E+00   0.00000E+00   0.00000E+00
      845       0       0   0.00000E+00   0.00000E+00   -10547.
      0.00000E+00   0.00000E+00   0.00000E+00
      846       0       0   0.00000E+00   0.00000E+00   -3796.9
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =           24
          LARGEST NODE OR ELEMENT NUMBER              =          846



          L O A D   C A S E       373


  LoadID=1656 Line=683 Dir=Fwd Pos=18

           CONCENTRATED LOAD
    FIRST    LAST    DIFF          FORCE          FORCE          FORCE
    FORCE          FORCE          FORCE
     NODE    NODE    RNCE             FX             FY             FZ
     MX             MY             MZ
      670       0       0   0.00000E+00   0.00000E+00   -1668.9
      0.00000E+00   0.00000E+00   0.00000E+00
      671       0       0   0.00000E+00   0.00000E+00   -5542.0
      0.00000E+00   0.00000E+00   0.00000E+00
      672       0       0   0.00000E+00   0.00000E+00   -2865.5
      0.00000E+00   0.00000E+00   0.00000E+00
      675       0       0   0.00000E+00   0.00000E+00   -4849.2
      0.00000E+00   0.00000E+00   0.00000E+00
      676       0       0   0.00000E+00   0.00000E+00   -5227.1
      0.00000E+00   0.00000E+00   0.00000E+00
      727       0       0   0.00000E+00   0.00000E+00   -18206.
      0.00000E+00   0.00000E+00   0.00000E+00
      728       0       0   0.00000E+00   0.00000E+00   -60458.
      0.00000E+00   0.00000E+00   0.00000E+00
      729       0       0   0.00000E+00   0.00000E+00   -31260.
      0.00000E+00   0.00000E+00   0.00000E+00
      732       0       0   0.00000E+00   0.00000E+00   -52901.
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 733 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -57023. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 784 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -17080. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 785 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 786 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -29326. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 789 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -49629. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -53496. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2794.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4798.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8121.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8753.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 847

L O A D C A S E 374

LoadID=1656 Line=683 Dir=Fwd Pos=19

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
|---|---|---|---|---|---|---|
| MX | MY | MZ | | | | |
| 672 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5793.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 673 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4282.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 676 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2078.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 677 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 678 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2456.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 729 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -63206. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 730 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -46718. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 733 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -22672. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 734 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 735 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -26794. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 786 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -59297. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 787 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -43828. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -21270. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -25137. | |

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      0.00000E+00   0.00000E+00   0.00000E+00
      843       0       0   0.00000E+00   0.00000E+00   -9703.1
      0.00000E+00   0.00000E+00   0.00000E+00
      844       0       0   0.00000E+00   0.00000E+00   -7171.9
      0.00000E+00   0.00000E+00   0.00000E+00
      847       0       0   0.00000E+00   0.00000E+00   -3480.5
      0.00000E+00   0.00000E+00   0.00000E+00
      848       0       0   0.00000E+00   0.00000E+00   -9281.3
      0.00000E+00   0.00000E+00   0.00000E+00
      849       0       0   0.00000E+00   0.00000E+00   -4113.3
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =           20
          LARGEST NODE OR ELEMENT NUMBER              =          849




          L O A D   C A S E       375


  LoadID=1656 Line=683 Dir=Fwd Pos=20

           CONCENTRATED LOAD
    FIRST    LAST    DIFF         FORCE         FORCE         FORCE
    FORCE         FORCE         FORCE
     NODE    NODE    RNCE            FX            FY            FZ
     MX            MY            MZ
      673       0       0   0.00000E+00   0.00000E+00   -5667.9
      0.00000E+00   0.00000E+00   0.00000E+00
      674       0       0   0.00000E+00   0.00000E+00   -4408.4
      0.00000E+00   0.00000E+00   0.00000E+00
      678       0       0   0.00000E+00   0.00000E+00   -4502.9
      0.00000E+00   0.00000E+00   0.00000E+00
      679       0       0   0.00000E+00   0.00000E+00   -5542.0
      0.00000E+00   0.00000E+00   0.00000E+00
      680       0       0   0.00000E+00   0.00000E+00   -31.489
      0.00000E+00   0.00000E+00   0.00000E+00
      730       0       0   0.00000E+00   0.00000E+00   -61832.
      0.00000E+00   0.00000E+00   0.00000E+00
      731       0       0   0.00000E+00   0.00000E+00   -48092.
      0.00000E+00   0.00000E+00   0.00000E+00
      735       0       0   0.00000E+00   0.00000E+00   -49122.
      0.00000E+00   0.00000E+00   0.00000E+00
      736       0       0   0.00000E+00   0.00000E+00   -60458.
      0.00000E+00   0.00000E+00   0.00000E+00
      737       0       0   0.00000E+00   0.00000E+00   -343.51
      0.00000E+00   0.00000E+00   0.00000E+00
      787       0       0   0.00000E+00   0.00000E+00   -58008.
      0.00000E+00   0.00000E+00   0.00000E+00
      788       0       0   0.00000E+00   0.00000E+00   -45117.
      0.00000E+00   0.00000E+00   0.00000E+00
      792       0       0   0.00000E+00   0.00000E+00   -46084.
      0.00000E+00   0.00000E+00   0.00000E+00
      793       0       0   0.00000E+00   0.00000E+00   -56719.
      0.00000E+00   0.00000E+00   0.00000E+00
      794       0       0   0.00000E+00   0.00000E+00   -322.27
      0.00000E+00   0.00000E+00   0.00000E+00
      844       0       0   0.00000E+00   0.00000E+00   -9492.2
      0.00000E+00   0.00000E+00   0.00000E+00
      845       0       0   0.00000E+00   0.00000E+00   -7382.8
      0.00000E+00   0.00000E+00   0.00000E+00
      849       0       0   0.00000E+00   0.00000E+00   -7541.0
      0.00000E+00   0.00000E+00   0.00000E+00
      850       0       0   0.00000E+00   0.00000E+00   -9281.2
      0.00000E+00   0.00000E+00   0.00000E+00
      851       0       0   0.00000E+00   0.00000E+00   -52.734
      0.00000E+00   0.00000E+00   0.00000E+00
```

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 851

L O A D C A S E 376

LoadID=1656 Line=683 Dir=Fwd Pos=21

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 674 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3904.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 675 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 676 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -629.77 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 679 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1889.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 680 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6423.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 681 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1763.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 731 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -42595. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 732 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 733 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6870.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 736 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -20611. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 737 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70076. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 738 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19237. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 788 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -39961. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 789 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6445.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 793 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19336. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 794 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -65742. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 795 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -18047. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6539.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1054.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 850 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3164.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 851 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10758. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2953.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 852

L O A D C A S E 377

LoadID=1656 Line=683 Dir=Fwd Pos=22

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 675 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1291.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 676 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 677 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3243.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 680 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1196.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 681 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7053.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 682 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1826.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 732 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14084. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 733 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 734 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -35382. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 737 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13053. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 738 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -76947. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 739 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19924. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 789 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13213. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -33193. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 794 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12246. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 795 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -72188. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 796 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -18691. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2162.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5431.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 851 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2003.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11813. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3058.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 853

L O A D C A S E 378

LoadID=1656 Line=683 Dir=Fwd Pos=23

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 677 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.6 | 0.00000E+00 | 0.00000E+00 | |
| 678 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | 0.00000E+00 | 0.00000E+00 | |
| 679 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -818.70 | 0.00000E+00 | 0.00000E+00 | |
| 681 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1133.6 | 0.00000E+00 | 0.00000E+00 | |
| 682 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6275.5 | 0.00000E+00 | 0.00000E+00 | |
| 683 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2667.3 | 0.00000E+00 | 0.00000E+00 | |
| 734 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -40534. | 0.00000E+00 | 0.00000E+00 | |
| 735 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | 0.00000E+00 | 0.00000E+00 | |
| 736 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8931.3 | 0.00000E+00 | 0.00000E+00 | |
| 738 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12366. | 0.00000E+00 | 0.00000E+00 | |
| 739 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -68460. | 0.00000E+00 | 0.00000E+00 | |
| 740 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -29097. | 0.00000E+00 | 0.00000E+00 | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -38027. | 0.00000E+00 | 0.00000E+00 | |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | 0.00000E+00 | 0.00000E+00 | |
| 793 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8378.9 | 0.00000E+00 | 0.00000E+00 | |
| 795 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11602. | 0.00000E+00 | 0.00000E+00 | |
| 796 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -64226. | 0.00000E+00 | 0.00000E+00 | |
| 797 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -27298. | 0.00000E+00 | 0.00000E+00 | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6222.7 | 0.00000E+00 | 0.00000E+00 | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 | 0.00000E+00 | 0.00000E+00 | |
| 850 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1371.1 | 0.00000E+00 | 0.00000E+00 | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1898.4 | 0.00000E+00 | 0.00000E+00 | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10510. | 0.00000E+00 | 0.00000E+00 | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4466.9 | 0.00000E+00 | 0.00000E+00 | |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 854

L O A D C A S E 379

LoadID=1656 Line=683 Dir=Fwd Pos=24

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 678 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1102.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 679 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 680 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3432.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 683 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4682.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 684 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5393.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 735 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12023. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 736 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 737 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -37443. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 740 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -51082. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 741 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -58841. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11279. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 793 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 794 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -35127. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 797 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47923. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 798 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55202. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1845.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 850 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 851 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5748.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7841.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9033.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 855

L O A D C A S E 380

LoadID=1656 Line=683 Dir=Fwd Pos=25

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 680 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5038.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 681 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5038.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
      684       0       0   0.00000E+00   0.00000E+00   -2311.6
      0.00000E+00   0.00000E+00   0.00000E+00
      685       0       0   0.00000E+00   0.00000E+00   -5808.7
      0.00000E+00   0.00000E+00   0.00000E+00
      686       0       0   0.00000E+00   0.00000E+00   -1956.0
      0.00000E+00   0.00000E+00   0.00000E+00
      737       0       0   0.00000E+00   0.00000E+00   -54962.
      0.00000E+00   0.00000E+00   0.00000E+00
      738       0       0   0.00000E+00   0.00000E+00   -54962.
      0.00000E+00   0.00000E+00   0.00000E+00
      741       0       0   0.00000E+00   0.00000E+00   -25218.
      0.00000E+00   0.00000E+00   0.00000E+00
      742       0       0   0.00000E+00   0.00000E+00   -63368.
      0.00000E+00   0.00000E+00   0.00000E+00
      743       0       0   0.00000E+00   0.00000E+00   -21338.
      0.00000E+00   0.00000E+00   0.00000E+00
      794       0       0   0.00000E+00   0.00000E+00   -51562.
      0.00000E+00   0.00000E+00   0.00000E+00
      795       0       0   0.00000E+00   0.00000E+00   -51563.
      0.00000E+00   0.00000E+00   0.00000E+00
      798       0       0   0.00000E+00   0.00000E+00   -23658.
      0.00000E+00   0.00000E+00   0.00000E+00
      799       0       0   0.00000E+00   0.00000E+00   -59449.
      0.00000E+00   0.00000E+00   0.00000E+00
      800       0       0   0.00000E+00   0.00000E+00   -20018.
      0.00000E+00   0.00000E+00   0.00000E+00
      851       0       0   0.00000E+00   0.00000E+00   -8437.5
      0.00000E+00   0.00000E+00   0.00000E+00
      852       0       0   0.00000E+00   0.00000E+00   -8437.5
      0.00000E+00   0.00000E+00   0.00000E+00
      855       0       0   0.00000E+00   0.00000E+00   -3871.3
      0.00000E+00   0.00000E+00   0.00000E+00
      856       0       0   0.00000E+00   0.00000E+00   -9727.9
      0.00000E+00   0.00000E+00   0.00000E+00
      857       0       0   0.00000E+00   0.00000E+00   -3275.7
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =           20
          LARGEST NODE OR ELEMENT NUMBER              =          857




          L O A D   C A S E       381


  LoadID=1656 Line=683 Dir=Fwd Pos=26

           CONCENTRATED LOAD
    FIRST    LAST    DIFF         FORCE         FORCE         FORCE
    FORCE         FORCE         FORCE
     NODE    NODE    RNCE            FX            FY            FZ
     MX            MY            MZ
      681       0       0   0.00000E+00   0.00000E+00   -4912.2
      0.00000E+00   0.00000E+00   0.00000E+00
      682       0       0   0.00000E+00   0.00000E+00   -5164.1
      0.00000E+00   0.00000E+00   0.00000E+00
      685       0       0   0.00000E+00   0.00000E+00   -148.18
      0.00000E+00   0.00000E+00   0.00000E+00
      686       0       0   0.00000E+00   0.00000E+00   -5808.7
      0.00000E+00   0.00000E+00   0.00000E+00
      687       0       0   0.00000E+00   0.00000E+00   -4119.4
      0.00000E+00   0.00000E+00   0.00000E+00
      738       0       0   0.00000E+00   0.00000E+00   -53588.
      0.00000E+00   0.00000E+00   0.00000E+00
      739       0       0   0.00000E+00   0.00000E+00   -56336.
      0.00000E+00   0.00000E+00   0.00000E+00
      742       0       0   0.00000E+00   0.00000E+00   -1616.5
      0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 743 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -63368. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 744 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -44939. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 795 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -50273. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 796 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -52852. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 799 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1516.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 800 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -59449. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 801 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -42160. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8226.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8648.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -248.16 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9727.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6898.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 858

L O A D C A S E 382

LoadID=1656 Line=683 Dir=Fwd Pos=27

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFRNCE | FORCE FX | FORCE FY | FORCE FZ | | | |
|---|---|---|---|---|---|---|---|---|
| FORCE MX | FORCE MY | FORCE MZ | | | | | | |
| 682 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3437.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 683 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5808.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 684 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -829.82 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 687 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3022.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 688 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5877.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 689 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1175.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 739 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -37503. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 740 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -63368. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 741 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9052.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 744 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32977. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 745 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -64122. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 746 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12824. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 796 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -35184. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 797 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -59449. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 798 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8492.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 801 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30937. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 802 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60156. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 803 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12031. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5757.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9727.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1389.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5062.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9843.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1968.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 860

L O A D C A S E 383

LoadID=1656 Line=683 Dir=Fwd Pos=28

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | MX | MY | MZ |
|---|---|---|---|---|---|---|---|---|
| 683 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1274.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 684 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5808.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 685 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2993.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 688 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1091.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 689 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5778.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 690 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3206.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 740 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13902. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 741 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -63368. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 742 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32654. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 745 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11908. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 746 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -63040. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 747 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -34976. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 797 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13042. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 798 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -59449. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 799 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30634. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 802 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11172. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

| | | | | | |
|---|---|---|---|---|---|
| 803 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -59141. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 804 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32813. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2134.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9727.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5012.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1828.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9677.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5369.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 861

L O A D C A S E 384

LoadID=1656 Line=683 Dir=Fwd Pos=29

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| FORCE MX | FORCE MY | FORCE MZ | | | |
| 685 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4149.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 686 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5808.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 687 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -118.55 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 690 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3847.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 691 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5695.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 692 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -533.45 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 742 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -45263. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 743 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -63368. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 744 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1293.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 747 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -41971. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 748 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -62133. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 749 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5819.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 799 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -42463. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 800 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -59449. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 801 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1213.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 804 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -39375. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 805 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -58290. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 806 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5459.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6948.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9727.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -198.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6443.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9538.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -893.38 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 863

L O A D C A S E 385

LoadID=1656 Line=683 Dir=Fwd Pos=30

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFRNCE | FORCE FX | FORCE FY | FORCE FZ | MX | MY | MZ |
|---|---|---|---|---|---|---|---|---|
| 686 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1985.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 687 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5808.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 688 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2282.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 691 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1570.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 692 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5808.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 693 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2696.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 743 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -21661. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 744 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -63368. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 745 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24894. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 748 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -17135. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 749 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -63368. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 750 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -29421. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 800 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -20322. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 801 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -59449. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 802 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23355. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 805 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -16075. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 806 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -59449. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 807 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -27601. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3325.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9727.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3821.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2630.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9727.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4516.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 864

L O A D C A S E 386

LoadID=1656 Line=683 Dir=Fwd Pos=31

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 688 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5709.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 689 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4366.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 693 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4623.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 694 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5453.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 745 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -62290. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 746 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47634. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 750 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -50436. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 751 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -59488. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 802 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -58437. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 803 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -44688. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 807 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47316. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 808 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55809. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9562.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7312.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7742.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9132.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 16
LARGEST NODE OR ELEMENT NUMBER = 865

L O A D C A S E 387

LoadID=1656 Line=683 Dir=Fwd Pos=32

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 689 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2931.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 690 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5679.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 691 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1465.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 694 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2109.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 695 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 696 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2424.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 746 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -31978. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 747 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -61957. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 748 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15989. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 751 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23015. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 752 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 753 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -26450. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 803 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30000. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 804 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -58125. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 805 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15000. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 808 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -21592. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 809 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 810 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24814. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4909.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9511.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2454.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3533.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4060.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 867

L O A D C A S E 388

LoadID=1656 Line=683 Dir=Fwd Pos=33

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 690 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -549.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 691 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5792.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 692 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3734.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 696 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4534.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 697 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 698 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.38595E-10 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 747 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5995.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 748 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -63191. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 749 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -40736. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 753 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -49466. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 754 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 755 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.42104E-09 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 804 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5625.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 805 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -59283. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 806 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -38217. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 810 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -46406. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 811 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 812 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.29310E-08 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -920.45 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9700.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6253.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7593.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.47962E-09 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 869

L O A D C A S E 389

LoadID=1656 Line=683 Dir=Fwd Pos=34

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | MX | MY | MZ |
|---|---|---|---|---|---|---|---|---|
| 692 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3408.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 693 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5808.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 694 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -859.45 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 697 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -881.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 698 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5751.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 699 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3442.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 749 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -37180. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 750 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -63368. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 751 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9375.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 754 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9618.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 755 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -62748. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 756 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -37557. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 806 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -34881. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 807 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -59449. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 808 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8796.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 811 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9023.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 812 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -58867. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 813 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -35234. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5707.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9727.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1439.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1476.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9632.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5765.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 870

L O A D C A S E 390

LoadID=1656 Line=683 Dir=Fwd Pos=35

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | MX | MY | MZ |
|---|---|---|---|---|---|---|---|---|
| 693 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1244.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 694 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5619.8 | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 695 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3211.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 699 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3862.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 700 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6024.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 701 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -188.93 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 750 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13579. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 751 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -61307. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 752 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -35038. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 756 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -42137. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 757 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -65725. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 758 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2061.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 807 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12739. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 808 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -57515. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 809 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32871. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 813 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -39531. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 814 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -61660. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 815 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1933.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2084.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9411.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5378.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6468.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10090. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -316.41 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 872

L O A D C A S E 391

LoadID=1656 Line=683 Dir=Fwd Pos=36

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
|---|---|---|---|---|---|---|
| MX | MY | MZ | | | | |
| 695 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3747.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 696 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 697 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -787.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 700 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1731.9 | |

```
      0.00000E+00   0.00000E+00   0.00000E+00
      701       0       0   0.00000E+00   0.00000E+00   -5542.0
      0.00000E+00   0.00000E+00   0.00000E+00
      702       0       0   0.00000E+00   0.00000E+00   -2802.5
      0.00000E+00   0.00000E+00   0.00000E+00
      752       0       0   0.00000E+00   0.00000E+00   -40878.
      0.00000E+00   0.00000E+00   0.00000E+00
      753       0       0   0.00000E+00   0.00000E+00   -60458.
      0.00000E+00   0.00000E+00   0.00000E+00
      754       0       0   0.00000E+00   0.00000E+00   -8587.8
      0.00000E+00   0.00000E+00   0.00000E+00
      757       0       0   0.00000E+00   0.00000E+00   -18893.
      0.00000E+00   0.00000E+00   0.00000E+00
      758       0       0   0.00000E+00   0.00000E+00   -60458.
      0.00000E+00   0.00000E+00   0.00000E+00
      759       0       0   0.00000E+00   0.00000E+00   -30573.
      0.00000E+00   0.00000E+00   0.00000E+00
      809       0       0   0.00000E+00   0.00000E+00   -38350.
      0.00000E+00   0.00000E+00   0.00000E+00
      810       0       0   0.00000E+00   0.00000E+00   -56719.
      0.00000E+00   0.00000E+00   0.00000E+00
      811       0       0   0.00000E+00   0.00000E+00   -8056.6
      0.00000E+00   0.00000E+00   0.00000E+00
      814       0       0   0.00000E+00   0.00000E+00   -17725.
      0.00000E+00   0.00000E+00   0.00000E+00
      815       0       0   0.00000E+00   0.00000E+00   -56719.
      0.00000E+00   0.00000E+00   0.00000E+00
      816       0       0   0.00000E+00   0.00000E+00   -28682.
      0.00000E+00   0.00000E+00   0.00000E+00
      866       0       0   0.00000E+00   0.00000E+00   -6275.4
      0.00000E+00   0.00000E+00   0.00000E+00
      867       0       0   0.00000E+00   0.00000E+00   -9281.2
      0.00000E+00   0.00000E+00   0.00000E+00
      868       0       0   0.00000E+00   0.00000E+00   -1318.4
      0.00000E+00   0.00000E+00   0.00000E+00
      871       0       0   0.00000E+00   0.00000E+00   -2900.4
      0.00000E+00   0.00000E+00   0.00000E+00
      872       0       0   0.00000E+00   0.00000E+00   -9281.3
      0.00000E+00   0.00000E+00   0.00000E+00
      873       0       0   0.00000E+00   0.00000E+00   -4693.4
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =           24
          LARGEST NODE OR ELEMENT NUMBER              =          873



          L O A D   C A S E       392


  LoadID=1656 Line=683 Dir=Fwd Pos=37

           CONCENTRATED LOAD
    FIRST    LAST    DIFF         FORCE         FORCE         FORCE
    FORCE         FORCE         FORCE
     NODE    NODE    RNCE            FX            FY            FZ
     MX            MY            MZ
      696       0       0   0.00000E+00   0.00000E+00   -1133.6
      0.00000E+00   0.00000E+00   0.00000E+00
      697       0       0   0.00000E+00   0.00000E+00   -4408.4
      0.00000E+00   0.00000E+00   0.00000E+00
      698       0       0   0.00000E+00   0.00000E+00   -4534.4
      0.00000E+00   0.00000E+00   0.00000E+00
      702       0       0   0.00000E+00   0.00000E+00   -4156.5
      0.00000E+00   0.00000E+00   0.00000E+00
      703       0       0   0.00000E+00   0.00000E+00   -5542.0
      0.00000E+00   0.00000E+00   0.00000E+00
      704       0       0   0.00000E+00   0.00000E+00   -377.86
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
      753       0       0   0.00000E+00   0.00000E+00   -12366.
      0.00000E+00   0.00000E+00   0.00000E+00
      754       0       0   0.00000E+00   0.00000E+00   -48092.
      0.00000E+00   0.00000E+00   0.00000E+00
      755       0       0   0.00000E+00   0.00000E+00   -49466.
      0.00000E+00   0.00000E+00   0.00000E+00
      759       0       0   0.00000E+00   0.00000E+00   -45344.
      0.00000E+00   0.00000E+00   0.00000E+00
      760       0       0   0.00000E+00   0.00000E+00   -60458.
      0.00000E+00   0.00000E+00   0.00000E+00
      761       0       0   0.00000E+00   0.00000E+00   -4122.1
      0.00000E+00   0.00000E+00   0.00000E+00
      810       0       0   0.00000E+00   0.00000E+00   -11602.
      0.00000E+00   0.00000E+00   0.00000E+00
      811       0       0   0.00000E+00   0.00000E+00   -45117.
      0.00000E+00   0.00000E+00   0.00000E+00
      812       0       0   0.00000E+00   0.00000E+00   -46406.
      0.00000E+00   0.00000E+00   0.00000E+00
      816       0       0   0.00000E+00   0.00000E+00   -42539.
      0.00000E+00   0.00000E+00   0.00000E+00
      817       0       0   0.00000E+00   0.00000E+00   -56719.
      0.00000E+00   0.00000E+00   0.00000E+00
      818       0       0   0.00000E+00   0.00000E+00   -3867.2
      0.00000E+00   0.00000E+00   0.00000E+00
      867       0       0   0.00000E+00   0.00000E+00   -1898.4
      0.00000E+00   0.00000E+00   0.00000E+00
      868       0       0   0.00000E+00   0.00000E+00   -7382.8
      0.00000E+00   0.00000E+00   0.00000E+00
      869       0       0   0.00000E+00   0.00000E+00   -7593.8
      0.00000E+00   0.00000E+00   0.00000E+00
      873       0       0   0.00000E+00   0.00000E+00   -6960.9
      0.00000E+00   0.00000E+00   0.00000E+00
      874       0       0   0.00000E+00   0.00000E+00   -9281.2
      0.00000E+00   0.00000E+00   0.00000E+00
      875       0       0   0.00000E+00   0.00000E+00   -632.81
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =           24
          LARGEST NODE OR ELEMENT NUMBER              =          875



          L O A D   C A S E       393


  LoadID=1656 Line=683 Dir=Fwd Pos=38

           CONCENTRATED LOAD
    FIRST    LAST    DIFF         FORCE         FORCE         FORCE
    FORCE         FORCE         FORCE
     NODE    NODE    RNCE            FX            FY            FZ
     MX            MY            MZ
      698       0       0   0.00000E+00   0.00000E+00   -2603.1
      0.00000E+00   0.00000E+00   0.00000E+00
      699       0       0   0.00000E+00   0.00000E+00   -6045.8
      0.00000E+00   0.00000E+00   0.00000E+00
      700       0       0   0.00000E+00   0.00000E+00   -1427.5
      0.00000E+00   0.00000E+00   0.00000E+00
      703       0       0   0.00000E+00   0.00000E+00   -1542.9
      0.00000E+00   0.00000E+00   0.00000E+00
      704       0       0   0.00000E+00   0.00000E+00   -5542.0
      0.00000E+00   0.00000E+00   0.00000E+00
      705       0       0   0.00000E+00   0.00000E+00   -2991.4
      0.00000E+00   0.00000E+00   0.00000E+00
      755       0       0   0.00000E+00   0.00000E+00   -28397.
      0.00000E+00   0.00000E+00   0.00000E+00
      756       0       0   0.00000E+00   0.00000E+00   -65954.
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 757 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15573. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 760 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -16832. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 761 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 762 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32634. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 812 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -26641. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 813 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -61875. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 814 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14609. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 817 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15791. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 818 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 819 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30615. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4359.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10125. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2390.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2584.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5009.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 876

L O A D C A S E 394

LoadID=1656 Line=683 Dir=Fwd Pos=39

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 699 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -839.69 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 700 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5646.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 701 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3589.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 705 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3967.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 706 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1070.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 756 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9160.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 757 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -61603. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 758 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -39160. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 762 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -43282. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 763 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11679. | | | |

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      0.00000E+00   0.00000E+00   0.00000E+00
      813       0       0   0.00000E+00   0.00000E+00   -8593.7
      0.00000E+00   0.00000E+00   0.00000E+00
      814       0       0   0.00000E+00   0.00000E+00   -57793.
      0.00000E+00   0.00000E+00   0.00000E+00
      815       0       0   0.00000E+00   0.00000E+00   -36738.
      0.00000E+00   0.00000E+00   0.00000E+00
      819       0       0   0.00000E+00   0.00000E+00   -40605.
      0.00000E+00   0.00000E+00   0.00000E+00
      820       0       0   0.00000E+00   0.00000E+00   -10957.
      0.00000E+00   0.00000E+00   0.00000E+00
      870       0       0   0.00000E+00   0.00000E+00   -1406.2
      0.00000E+00   0.00000E+00   0.00000E+00
      871       0       0   0.00000E+00   0.00000E+00   -9457.0
      0.00000E+00   0.00000E+00   0.00000E+00
      872       0       0   0.00000E+00   0.00000E+00   -6011.7
      0.00000E+00   0.00000E+00   0.00000E+00
      876       0       0   0.00000E+00   0.00000E+00   -6644.5
      0.00000E+00   0.00000E+00   0.00000E+00
      877       0       0   0.00000E+00   0.00000E+00   -1793.0
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =           20
          LARGEST NODE OR ELEMENT NUMBER              =          877
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L O A D  C A S E  395

LoadID=1656 Line=683 Dir=Fwd Pos=40

```
          CONCENTRATED LOAD
    FIRST    LAST    DIFF         FORCE         FORCE         FORCE
    FORCE         FORCE         FORCE
     NODE    NODE    RNCE            FX            FY            FZ
     MX            MY            MZ
      701       0       0   0.00000E+00   0.00000E+00   -3369.3
      0.00000E+00   0.00000E+00   0.00000E+00
      702       0       0   0.00000E+00   0.00000E+00   -5542.0
      0.00000E+00   0.00000E+00   0.00000E+00
      703       0       0   0.00000E+00   0.00000E+00   -1165.1
      0.00000E+00   0.00000E+00   0.00000E+00
      758       0       0   0.00000E+00   0.00000E+00   -36756.
      0.00000E+00   0.00000E+00   0.00000E+00
      759       0       0   0.00000E+00   0.00000E+00   -60458.
      0.00000E+00   0.00000E+00   0.00000E+00
      760       0       0   0.00000E+00   0.00000E+00   -12710.
      0.00000E+00   0.00000E+00   0.00000E+00
      815       0       0   0.00000E+00   0.00000E+00   -34482.
      0.00000E+00   0.00000E+00   0.00000E+00
      816       0       0   0.00000E+00   0.00000E+00   -56719.
      0.00000E+00   0.00000E+00   0.00000E+00
      817       0       0   0.00000E+00   0.00000E+00   -11924.
      0.00000E+00   0.00000E+00   0.00000E+00
      872       0       0   0.00000E+00   0.00000E+00   -5642.6
      0.00000E+00   0.00000E+00   0.00000E+00
      873       0       0   0.00000E+00   0.00000E+00   -9281.2
      0.00000E+00   0.00000E+00   0.00000E+00
      874       0       0   0.00000E+00   0.00000E+00   -1951.2
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =           12
          LARGEST NODE OR ELEMENT NUMBER              =          874
```

L O A D C A S E 396

LoadID=1656 Line=683 Dir=Fwd Pos=41

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 702 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -755.73 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 703 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5542.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 704 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3778.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 759 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8244.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 760 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60458. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 761 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -41221. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 816 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7734.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 817 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56719. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 818 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -38672. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1265.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9281.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6328.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 875

DATA STORAGE LOCATIONS USED = 8125

E L E M E N T O U T P U T

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

| FIRST ELT OUTPUT | LAST ELT GROUP | DIFF HISTORY RNCE CONTROL | OUTPUT PLOT FILE CONTROL | AVERAGED NODAL VALUES | NODAL FORCE GROUP |
|---|---|---|---|---|---|
| 1 | 1005 | 1 | 0 | 0 | |
| 0 | 0 | 0 | | | |

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1005
LARGEST ELEMENT NUMBER INPUT = 1005
LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFFRNCE | OUTPUT CONTROL | HISTORY CONTROL |
|---|---|---|---|---|
| 1 | 1500 | 1 | 0 | 0 |

TOTAL NUMBER OF NODE OUTPUT SETS = 1
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 1500
LARGEST NODE OUTPUT CONTROL NUMBER = 0
LARGEST NODE HISTORY CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 0

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS = 1005
TOTAL NUMBER OF CONSTRAINTS = 0
TOTAL NUMBER OF NODES = 1500
TOTAL NUMBER OF SUPPORT NODES = 3
TOTAL NUMBER OF LOADING CASES = 41

LOCATIONS USED DURING DATA PROCESSING = 78687974
LOCATIONS AVAILABLE = 98304000

TIME USED TO PROCESS INPUT DATA = 0.53600 SEC.

TIME AT CENTRAL PROCESSOR = 9:56:55 ON 16/04/21 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1901
INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 448

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTYP PROCESSOR)

E S T I M A T E O F M O D E L G E O M E T R I C P R O P E R T I E S A N D L O A D I N G

| MATERIAL SET | GEOMETRIC SUMMARY LENGTH M | AREA sq M | VOLUME cu M | ELEMENT MASS KG | CENTRE OF GRAVITY X-COORD | Y-COORD M | Z-COORD M |
|---|---|---|---|---|---|---|---|
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2 | 8.80000 | 731.250 | 408.733 | 0.102183E+07 | 40.3383 | 5.62500 | -3.20199 |
| 4 | 55.8900 | 0.000000E+00 | 20.7025 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

```
     3        60.3600        0.000000E+00     1.33843        0.000000E+00
     0.000000E+00    0.000000E+00    0.000000E+00
     1        299.550        0.000000E+00     24.8142         194791.
     40.4098         5.62500       -0.205657
     5       0.000000E+00     22.5000         6.75000         16875.0
     33.0000         5.62500        0.000000E+00
     7       0.000000E+00     135.000         40.5000         101250.
     40.0000         5.62500        0.000000E+00
     6       0.000000E+00     22.5000         6.75000         16875.0
     47.0000         5.62500        0.000000E+00
 TOTALS FOR
 STRUCTURE     424.600         911.250         509.588        0.135162E+07
 40.3148         5.62500        -2.45035


 MATERIAL      ------------ MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH
 ORIGIN AT (0,0,0) ------------
   SET             Ixx             Iyy             Izz             Ixy
   Iyz             Ixz
                KG  M   **2     KG  M   **2     KG  M   **2     KG  M   **2
                KG  M   **2     KG  M   **2

     9       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     2       0.624634E+08    0.207083E+10    0.208529E+10   -0.231857E+09
     0.184044E+08    0.130886E+09
     4       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     8       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
    10       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
    0.000000E+00    0.000000E+00
     3       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     1       0.805250E+07    0.420141E+09    0.428105E+09   -0.442770E+08
     225338.        0.161495E+07
     5        718564.        0.183938E+08    0.191123E+08   -0.313242E+07
     0.000000E+00    0.000000E+00
     7       0.431138E+07    0.163257E+09    0.167569E+09   -0.227813E+08
     0.000000E+00    0.000000E+00
     6        718564.        0.372937E+08    0.380123E+08   -0.446133E+07
     0.000000E+00    0.000000E+00
 TOTALS FOR
 STRUCTURE    0.762644E+08    0.270992E+10    0.273809E+10   -0.306509E+09
 0.186298E+08    0.132501E+09


 MATERIAL      ------------ MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH
 ORIGINS AT CENTROIDS ---------
   SET             Ixx             Iyy             Izz             Ixy
   Iyz             Ixz
                KG  M   **2     KG  M   **2     KG  M   **2     KG  M   **2
                KG  M   **2     KG  M   **2

     9       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     2       0.196554E+08    0.397647E+09    0.390249E+09   -0.476837E-06
     0.335276E-07   -0.109678E+07
     4       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     8       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
    10       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
    0.000000E+00    0.000000E+00
     3       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     1       0.188095E+07    0.102048E+09    0.103858E+09   -0.149012E-07
     0.232831E-09    -3870.89
     5        184628.         16875.0         201503.       -0.465661E-09
     0.000000E+00    0.000000E+00
     7       0.110777E+07    0.125750E+07    0.236527E+07    0.149012E-07
     0.000000E+00    0.000000E+00
     6        184628.         16875.0         201503.        0.000000E+00
```

```
     0.000000E+00    0.000000E+00
 TOTALS FOR
 STRUCTURE    0.253827E+08    0.505025E+09    0.498544E+09   -0.476837E-06
 0.298023E-07   -0.101998E+07


 MATERIAL      ------------ PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL
 AXES ----------------------------------
   SET             I               I               I
                    11              22              33
                   PRINCIPAL DIRECTIONS
               KG  M   **2     KG  M   **2     KG  M   **2

      9       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
      0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
      2       0.397647E+09    0.390252E+09    0.196521E+08(-0.00,
      1.00,-0.00)(-0.00, 0.00, 1.00)( 1.00, 0.00, 0.00)
      4       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
      0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
      8       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
      0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     10       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
      3       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
      0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
      1       0.103858E+09    0.102048E+09    0.188095E+07(-0.00, 0.00,
      1.00)( 0.00, 1.00, 0.00)( 1.00, 0.00, 0.00)
      5        201503.         184628.         16875.0    ( 0.00, 0.00,
      1.00)( 1.00,-0.00, 0.00)( 0.00, 1.00, 0.00)
      7       0.236527E+07    0.125750E+07    0.110777E+07( 0.00, 0.00,
      1.00)( 0.00, 1.00, 0.00)( 1.00,-0.00, 0.00)
      6        201503.         184628.         16875.0    ( 0.00, 0.00,
      1.00)( 1.00, 0.00, 0.00)( 0.00, 1.00, 0.00)
 TOTALS FOR
 STRUCTURE    0.505025E+09    0.498547E+09    0.253805E+08(-0.00,
 1.00,-0.00)(-0.00, 0.00, 1.00)( 1.00, 0.00, 0.00)


 FORCE         ------------------- RESULTANT APPLIED LOAD AT ORIGIN IN
 GLOBAL DIRECTIONS ------------------
 OUTPUT GROUP      Fx              Fy              Fz              Mx
 My              Mz
                   N               N               N             N   .M
                   N   .M          N   .M

 LOAD CASE         356
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    -240000.       -0.195000E+07
 864000.        0.000000E+00

 LOAD CASE         357
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    -240000.       -0.195000E+07
 0.135000E+07    0.000000E+00

 LOAD CASE         358
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    -360000.       -0.292500E+07
 0.196200E+07    0.000000E+00

 LOAD CASE         359
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    -480000.       -0.390000E+07
 0.291600E+07    0.000000E+00

 LOAD CASE         360
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    -480000.       -0.390000E+07
 0.388800E+07    0.000000E+00

 LOAD CASE         361
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    -480000.       -0.390000E+07
```

0.486000E+07 0.000000E+00

LOAD CASE 362
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.583200E+07 0.000000E+00

LOAD CASE 363
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.680400E+07 0.000000E+00

LOAD CASE 364
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.777600E+07 0.000000E+00

LOAD CASE 365
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.874800E+07 0.000000E+00

LOAD CASE 366
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.972000E+07 0.000000E+00

LOAD CASE 367
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.106920E+08 0.000000E+00

LOAD CASE 368
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.116640E+08 0.000000E+00

LOAD CASE 369
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.126360E+08 0.000000E+00

LOAD CASE 370
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.136080E+08 0.000000E+00

LOAD CASE 371
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.145800E+08 0.000000E+00

LOAD CASE 372
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.155520E+08 0.000000E+00

LOAD CASE 373
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.165240E+08 0.000000E+00

LOAD CASE 374
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.174960E+08 0.000000E+00

LOAD CASE 375
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.184680E+08 0.000000E+00

LOAD CASE 376

TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.194400E+08 0.000000E+00

LOAD CASE 377
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.204120E+08 0.000000E+00

LOAD CASE 378
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.213840E+08 0.000000E+00

LOAD CASE 379
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.223560E+08 0.000000E+00

LOAD CASE 380
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.233280E+08 0.000000E+00

LOAD CASE 381
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.243000E+08 0.000000E+00

LOAD CASE 382
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.252720E+08 0.000000E+00

LOAD CASE 383
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.262440E+08 0.000000E+00

LOAD CASE 384
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.272160E+08 0.000000E+00

LOAD CASE 385
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.281880E+08 0.000000E+00

LOAD CASE 386
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.291600E+08 0.000000E+00

LOAD CASE 387
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.301320E+08 0.000000E+00

LOAD CASE 388
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.311040E+08 0.000000E+00

LOAD CASE 389
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.320760E+08 0.000000E+00

LOAD CASE 390
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -480000. -0.390000E+07
0.330480E+08 0.000000E+00

```
 LOAD CASE         391
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    -480000.       -0.390000E+07
 0.340200E+08    0.000000E+00

 LOAD CASE         392
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    -480000.       -0.390000E+07
 0.349920E+08    0.000000E+00

 LOAD CASE         393
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    -480000.       -0.390000E+07
 0.359640E+08    0.000000E+00

 LOAD CASE         394
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    -360000.       -0.292500E+07
 0.271980E+08    0.000000E+00

 LOAD CASE         395
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    -240000.       -0.195000E+07
 0.180900E+08    0.000000E+00

 LOAD CASE         396
 TOTALS FOR
 STRUCTURE    0.000000E+00    0.000000E+00    -240000.       -0.195000E+07
 0.185760E+08    0.000000E+00


          AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS
          AND BEAMS) =   1.388
          AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY)
          =  0.2540


          TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY          = 0.13000E-01 SEC.
          TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX  =     102279


          LOCATIONS USED DURING PRE-SOLUTION PROCESS  =       1500021
          LOCATIONS AVAILABLE                         =      98304000

          TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM  =          5604
          TOTAL NO. OF ACTIVE DEGREES OF FREEDOM      =          5604
          TOTAL NO. OF EQUATIONS                      =          5604
          TOTAL NO. OF ACTIVE NODES                   =           934

          NUMBER OF ELEMENT GROUPS                    =            33
          MAXIMUM NUMBER OF ELEMENTS IN A GROUP       =            32

          MAXIMUM SIZE OF ELEMENT DATA RECORDS        =        404473
          MAXIMUM SIZE OF ELEMENT RESULT RECORDS      =        624803
          MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS    =             0
          MAXIMUM SIZE OF ELEMENT SHAPE RECORDS       =        116882
          TOTAL SIZE OF ELEMENT DATA RECORDS          =       7283134
          TOTAL SIZE OF ELEMENT RESULT RECORDS        =      14916562
          TOTAL SIZE OF ELEMENT SOLUTION RECORDS      =             0
          TOTAL SIZE OF GLOBAL SOLUTION RECORD        =         34741
          TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS   =        388827

          TIME FOR PRE-SOLUTION PROCESS               =  0.45800     SEC.
          (ALL ELEMENT STIFFNESS MATRICES)

          TIME AT CENTRAL PROCESSOR =  9:56:56 ON 16/04/21 (DAY/MTH/YR)

          S O L U T I O N   B Y   F R O N T A L   S P A R S E   M A T R I X
          T E C H N I Q U E


          TIME FOR EQUATION REORDERING                        =      0.01
```

```
 SEC.

 IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED        =
 521865 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

 ============================================================
 = Multifrontal statistics                                  =
 ============================================================

     number of equations                     =           5586
     no. of nonzeroes in lower triangle of a =          96693
     number of compressed nodes              =            931
     no. of compressed nonzeroes in l. tri.  =           2298
     amount of workspace currently in use    =         459515
     max. amt. of workspace used             =       97910660
     no. of nonzeroes in the factor l        =         281841.
     number of super nodes                   =            494
     number of compressed subscripts         =          17004
     size of stack storage                   =          27624
     maximum order of a front matrix         =            180
     maximum size of a front matrix          =          16290
     maximum size of a front trapezoid       =          14679
     no. of floating point ops for factor    =     2.5641D+07
     no. of floating point ops for solve     =     1.1553D+06
     actual no. of nonzeroes in the factor l =         281841.
     actual number of compressed subscripts  =          17004
     actual size of stack storage used       =          51636
     near zero pivot monitoring activated
     number of pivots adjusted               =             0.
     negative pivot monitoring activated
     number of negative pivots encountered   =             0.
     factorization panel size                =            128
     factorization update panel size         =             32
     solution block size                     =              8

     time (in seconds) for structure input   =       0.005000
     time (in seconds) for ordering          =       0.008000
     time (in seconds) for symbolic factor   =       0.004000
     time (in seconds) for value input       =       0.005000

     number of cpus used for factor & solve  =              2
     time (in seconds) for numeric factor    =       0.026000
     computational rate (mflops) for factor  =     986.200944
     condition number estimate               =     3.2834D+11

     time (in seconds) for numeric solve     =       0.000585
     computational rate (mflops) for solve   =    1973.613447

     i/o statistics:   unit number        length         amount
                                         (Mbytes)       (Mbytes)
                       -----------       --------       --------

                                31.           0.14           0.34
 NUMBER OF POSITIVE EIGENVALUES                        =
 5586
 NUMBER OF NEGATIVE EIGENVALUES                        =
 0

 AMOUNT OF DISK SPACE USED                             =
 0.14 MB
 DETERMINANT OF STIFFNESS MATRIX                       =
 2.192E+51911

 SMALLEST PIVOT ENCOUNTERED WAS   645.235     AT NODE      449,
 FREEDOM  6
 LARGEST PIVOT ENCOUNTERED WAS   0.226672E+15 AT NODE       12,
 FREEDOM  4
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   1      =
 0.17807E-16
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   2      =
 0.21439E-16
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   3      =
 0.18381E-16
```

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 =
0.18347E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 =
0.20622E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 6 =
0.16672E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 7 =
0.11848E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 8 =
0.13594E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 9 =
0.16449E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 10 =
0.12285E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 11 =
0.18691E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 12 =
0.12748E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 13 =
0.16125E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 14 =
0.16011E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 15 =
0.14441E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 16 =
0.18574E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 17 =
0.23101E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 18 =
0.37251E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 19 =
0.35303E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 20 =
0.30999E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 21 =
0.54973E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 22 =
0.52722E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 23 =
0.30546E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 24 =
0.24548E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 25 =
0.34368E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 26 =
0.17942E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 27 =
0.16100E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 28 =
0.19703E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 29 =
0.12242E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 30 =
0.23043E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 31 =
0.19028E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 32 =
0.10677E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 33 =
0.12073E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 34 =
0.17349E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 35 =
0.15412E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 36 =
0.15795E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 37 =
0.20074E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 38 =
0.16810E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 39 =
0.14898E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 40 =

```
          0.20508E-16
          FINAL RELATIVE ERROR CONSTANT FOR SOLUTION  41      =
          0.18088E-16


          TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION
          =  0.97000E-01 SEC.
          TOTAL ELAPSED TIME USED SOLVING EQUATIONS
          =   0 HRS  0 MINS  0 SECS


          LOCATIONS USED DURING POST-SOLUTION PROCESS =       1916755
          LOCATIONS AVAILABLE                         =      98304000

          ACTUAL TOTAL NO. EDGES IN STRUCTURE        =    1405
          ACTUAL TOTAL NO. FACES IN STRUCTURE        =     448

          TIME FOR POST-SOLUTION PROCESS              =   2.9120     SEC.

          TOTAL CPU TIME USED FOR SOLUTION           =   4.0080     SEC.

          TOTAL ELAPSED TIME USED FOR SOLUTION       =   0 HRS  0 MINS  4
          SECS

          TIME AT CENTRAL PROCESSOR =  9:56:59 ON 16/04/21 (DAY/MTH/YR)



          I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

          Disk Unit     Disk Page     Calls to     Buffered     Disk
          Page Table   Peak File
          Name          Size (Bytes)  I/O Routines Transfers    Accesses
          Swaps        Size (Mbytes)

          PROBLEM          16384          592         9733         8117
          0      117.6875
          FRONTAL          16384            0            0            0
          0     0.1562500E-01
          SHAPES           16384           57           94           54
          0     0.3281250
          PLOT             16384        41344        49881         8231
          0      134.6875
          RESTART              0            0            0            0
          0     0.0000000E+00
 ***LUSAS RUN SUCCESSFULLY COMPLETED***
```

TIME AT CENTRAL PROCESSOR = 9:57:34 ON 16/04/21 (DAY/MTH/YR)

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| NLPZ | 98304000 |
| NPGS | 960 |
| MXELGP | 32 |

S Y S T E M P A R A M E T E R I N P U T

| VBNAME | VALUE |
|---|---|
| IDTIME | 1 |

```
LL        UU    UU   SSSSSS     AAAA     SSSSSS
LL        UU    UU  SS    SS   AA  AA   SS    SS
LL        UU    UU  SS        AA    AA  SS
LL        UU    UU   SSSSS    AAAAAAAA   SSSSS
LL        UU    UU    SSSSS   AAAAAAAA    SSSSS
LL        UU    UU        SS  AA    AA        SS
LLLLLLLL  UU    UU  SS    SS  AA    AA  SS    SS
LLLLLLLL   UUUUUU    SSSSSS   AA    AA   SSSSSS
```

Build Information : KITBUILD03 - Feb 16 2021 02:12:17

Kit Version : 19.1-B3
Solver Version : 19.1.1233.7156 (32-bit)

Developed by: LUSAS,
Forge House,
66 High Street,
Kingston upon Thames,
Surrey, KT1 1HN, UK
www.lusas.com

Sales Enquiries: Tel +44 (0)20 8541 1999
Fax +44 (0)20 8549 9399
Email: info@lusas.com

Customer Support: Tel +44 (0)20 3325 0440
Fax +44 (0)20 8549 9399
Email: support@lusas.com

This is a BETA Version of the Code supplied for TEST purposes only.
This Version has passed all the standard QA Checks, but has not undergone
field testing.
The documentation may be incomplete, file formats and commands may be
changed for the Final Release.

KeyID 10035 licensed on PC processor. Expires 1-07-2021
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\Program Files (x86)\LUSAS191\Programs\Lusas_S.exe
Input file : C:\PROJECTS\CT-RG\Barbaianni\modelli\LUSASFiles32\Barbaianni_Impalcato\Barbaiann

i_Impalcato~VLO Analysis 2.dat

Number of processors available : 4
Maximum number of threads available : 4

Memory request for 1105Mb Succeeded

TIME AT CENTRAL PROCESSOR = 9:57:35 ON 16/04/21 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M KG S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES

O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION

O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS

O P T I O N(S) 123 CLOCKWISE NODE NUMBERING

O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM

O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS

O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER

O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES

O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER

O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS

O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES

O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT

O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY

O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES

O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS

O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)

O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3

O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER

O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| JSH4 | ELEMENTS | | | |
| 1 | 1 | 2 | 1495 | 1496 |
| 9 | 9 | 10 | 1497 | 1498 |
| 10 | 13 | 12 | 1499 | 1500 |
| 20 | 18 | 17 | 1487 | 1488 |
| 21 | 28 | 29 | 1485 | 1486 |
| 22 | 39 | 40 | 1491 | 1492 |
| 23 | 42 | 41 | 1489 | 1490 |
| 24 | 52 | 53 | 1483 | 1484 |
| 25 | 63 | 64 | 1493 | 1494 |

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|---|---|---|---|---|
| QTS4 | ELEMENTS | | | |
| 446 | 422 | 423 | 480 | 479 |
| 447 | 423 | 424 | 481 | 480 |
| 448 | 424 | 425 | 482 | 481 |
| 449 | 425 | 426 | 483 | 482 |
| 450 | 426 | 427 | 484 | 483 |
| 451 | 427 | 428 | 485 | 484 |
| 452 | 428 | 429 | 486 | 485 |
| 453 | 429 | 430 | 487 | 486 |
| 454 | 430 | 431 | 488 | 487 |
| 455 | 431 | 432 | 489 | 488 |
| 456 | 432 | 433 | 490 | 489 |
| 457 | 433 | 434 | 491 | 490 |
| 458 | 434 | 435 | 492 | 491 |
| 459 | 435 | 436 | 493 | 492 |
| 460 | 436 | 437 | 494 | 493 |
| 461 | 437 | 438 | 495 | 494 |
| 462 | 438 | 439 | 496 | 495 |
| 463 | 439 | 440 | 497 | 496 |
| 464 | 440 | 441 | 498 | 497 |
| 465 | 441 | 442 | 499 | 498 |
| 466 | 442 | 443 | 500 | 499 |
| 467 | 443 | 444 | 501 | 500 |
| 468 | 444 | 445 | 502 | 501 |
| 469 | 445 | 446 | 503 | 502 |
| 470 | 446 | 447 | 504 | 503 |
| 471 | 447 | 448 | 505 | 504 |
| 472 | 448 | 449 | 506 | 505 |
| 473 | 449 | 450 | 507 | 506 |
| 474 | 450 | 451 | 508 | 507 |
| 475 | 451 | 452 | 509 | 508 |
| 476 | 452 | 453 | 510 | 509 |
| 477 | 453 | 454 | 511 | 510 |
| 478 | 454 | 455 | 512 | 511 |
| 479 | 455 | 456 | 513 | 512 |
| 480 | 456 | 457 | 514 | 513 |
| 481 | 457 | 458 | 515 | 514 |
| 482 | 458 | 459 | 516 | 515 |
| 483 | 459 | 460 | 517 | 516 |
| 484 | 460 | 461 | 518 | 517 |
| 485 | 461 | 462 | 519 | 518 |
| 486 | 462 | 463 | 520 | 519 |
| 487 | 463 | 464 | 521 | 520 |
| 488 | 464 | 465 | 522 | 521 |
| 489 | 465 | 466 | 523 | 522 |

| | | | | |
|---|---|---|---|---|
| 490 | 466 | 467 | 524 | 523 |
| 491 | 467 | 468 | 525 | 524 |
| 492 | 468 | 469 | 526 | 525 |
| 493 | 469 | 470 | 527 | 526 |
| 494 | 470 | 471 | 528 | 527 |
| 495 | 471 | 472 | 529 | 528 |
| 496 | 472 | 473 | 530 | 529 |
| 497 | 473 | 474 | 531 | 530 |
| 498 | 474 | 475 | 532 | 531 |
| 499 | 475 | 476 | 533 | 532 |
| 500 | 476 | 477 | 534 | 533 |
| 501 | 477 | 478 | 535 | 534 |
| 502 | 479 | 480 | 537 | 536 |
| 503 | 480 | 481 | 538 | 537 |
| 504 | 481 | 482 | 539 | 538 |
| 505 | 482 | 483 | 540 | 539 |
| 506 | 483 | 484 | 541 | 540 |
| 507 | 484 | 485 | 542 | 541 |
| 508 | 485 | 486 | 543 | 542 |
| 509 | 486 | 487 | 544 | 543 |
| 510 | 487 | 488 | 545 | 544 |
| 511 | 488 | 489 | 546 | 545 |
| 512 | 489 | 490 | 547 | 546 |
| 513 | 490 | 491 | 548 | 547 |
| 514 | 491 | 492 | 549 | 548 |
| 515 | 492 | 493 | 550 | 549 |
| 516 | 493 | 494 | 551 | 550 |
| 517 | 494 | 495 | 552 | 551 |
| 518 | 495 | 496 | 553 | 552 |
| 519 | 496 | 497 | 554 | 553 |
| 520 | 497 | 498 | 555 | 554 |
| 521 | 498 | 499 | 556 | 555 |
| 522 | 499 | 500 | 557 | 556 |
| 523 | 500 | 501 | 558 | 557 |
| 524 | 501 | 502 | 559 | 558 |
| 525 | 502 | 503 | 560 | 559 |
| 526 | 503 | 504 | 561 | 560 |
| 527 | 504 | 505 | 562 | 561 |
| 528 | 505 | 506 | 563 | 562 |
| 529 | 506 | 507 | 564 | 563 |
| 530 | 507 | 508 | 565 | 564 |
| 531 | 508 | 509 | 566 | 565 |
| 532 | 509 | 510 | 567 | 566 |
| 533 | 510 | 511 | 568 | 567 |
| 534 | 511 | 512 | 569 | 568 |
| 535 | 512 | 513 | 570 | 569 |
| 536 | 513 | 514 | 571 | 570 |
| 537 | 514 | 515 | 572 | 571 |
| 538 | 515 | 516 | 573 | 572 |
| 539 | 516 | 517 | 574 | 573 |
| 540 | 517 | 518 | 575 | 574 |
| 541 | 518 | 519 | 576 | 575 |
| 542 | 519 | 520 | 577 | 576 |
| 543 | 520 | 521 | 578 | 577 |
| 544 | 521 | 522 | 579 | 578 |
| 545 | 522 | 523 | 580 | 579 |
| 546 | 523 | 524 | 581 | 580 |
| 547 | 524 | 525 | 582 | 581 |
| 548 | 525 | 526 | 583 | 582 |
| 549 | 526 | 527 | 584 | 583 |
| 550 | 527 | 528 | 585 | 584 |
| 551 | 528 | 529 | 586 | 585 |
| 552 | 529 | 530 | 587 | 586 |
| 553 | 530 | 531 | 588 | 587 |
| 554 | 531 | 532 | 589 | 588 |
| 555 | 532 | 533 | 590 | 589 |
| 556 | 533 | 534 | 591 | 590 |
| 557 | 534 | 535 | 592 | 591 |
| 614 | 536 | 537 | 594 | 593 |
| 615 | 537 | 538 | 595 | 594 |
| 616 | 538 | 539 | 596 | 595 |
| 617 | 539 | 540 | 597 | 596 |
| 618 | 540 | 541 | 598 | 597 |

| | | | | |
|---|---|---|---|---|
| 619 | 541 | 542 | 599 | 598 |
| 620 | 542 | 543 | 600 | 599 |
| 621 | 543 | 544 | 601 | 600 |
| 622 | 544 | 545 | 602 | 601 |
| 623 | 545 | 546 | 603 | 602 |
| 624 | 546 | 547 | 604 | 603 |
| 625 | 547 | 548 | 605 | 604 |
| 626 | 548 | 549 | 606 | 605 |
| 627 | 549 | 550 | 607 | 606 |
| 628 | 550 | 551 | 608 | 607 |
| 629 | 551 | 552 | 609 | 608 |
| 630 | 552 | 553 | 610 | 609 |
| 631 | 553 | 554 | 611 | 610 |
| 632 | 554 | 555 | 612 | 611 |
| 633 | 555 | 556 | 613 | 612 |
| 634 | 556 | 557 | 614 | 613 |
| 635 | 557 | 558 | 615 | 614 |
| 636 | 558 | 559 | 616 | 615 |
| 637 | 559 | 560 | 617 | 616 |
| 638 | 560 | 561 | 618 | 617 |
| 639 | 561 | 562 | 619 | 618 |
| 640 | 562 | 563 | 620 | 619 |
| 641 | 563 | 564 | 621 | 620 |
| 642 | 564 | 565 | 622 | 621 |
| 643 | 565 | 566 | 623 | 622 |
| 644 | 566 | 567 | 624 | 623 |
| 645 | 567 | 568 | 625 | 624 |
| 646 | 568 | 569 | 626 | 625 |
| 647 | 569 | 570 | 627 | 626 |
| 648 | 570 | 571 | 628 | 627 |
| 649 | 571 | 572 | 629 | 628 |
| 650 | 572 | 573 | 630 | 629 |
| 651 | 573 | 574 | 631 | 630 |
| 652 | 574 | 575 | 632 | 631 |
| 653 | 575 | 576 | 633 | 632 |
| 654 | 576 | 577 | 634 | 633 |
| 655 | 577 | 578 | 635 | 634 |
| 656 | 578 | 579 | 636 | 635 |
| 657 | 579 | 580 | 637 | 636 |
| 658 | 580 | 581 | 638 | 637 |
| 659 | 581 | 582 | 639 | 638 |
| 660 | 582 | 583 | 640 | 639 |
| 661 | 583 | 584 | 641 | 640 |
| 662 | 584 | 585 | 642 | 641 |
| 663 | 585 | 586 | 643 | 642 |
| 664 | 586 | 587 | 644 | 643 |
| 665 | 587 | 588 | 645 | 644 |
| 666 | 588 | 589 | 646 | 645 |
| 667 | 589 | 590 | 647 | 646 |
| 668 | 590 | 591 | 648 | 647 |
| 669 | 591 | 592 | 649 | 648 |
| 670 | 593 | 594 | 651 | 650 |
| 671 | 594 | 595 | 652 | 651 |
| 672 | 595 | 596 | 653 | 652 |
| 673 | 596 | 597 | 654 | 653 |
| 674 | 597 | 598 | 655 | 654 |
| 675 | 598 | 599 | 656 | 655 |
| 676 | 599 | 600 | 657 | 656 |
| 677 | 600 | 601 | 658 | 657 |
| 678 | 601 | 602 | 659 | 658 |
| 679 | 602 | 603 | 660 | 659 |
| 680 | 603 | 604 | 661 | 660 |
| 681 | 604 | 605 | 662 | 661 |
| 682 | 605 | 606 | 663 | 662 |
| 683 | 606 | 607 | 664 | 663 |
| 684 | 607 | 608 | 665 | 664 |
| 685 | 608 | 609 | 666 | 665 |
| 686 | 609 | 610 | 667 | 666 |
| 687 | 610 | 611 | 668 | 667 |
| 688 | 611 | 612 | 669 | 668 |
| 689 | 612 | 613 | 670 | 669 |
| 690 | 613 | 614 | 671 | 670 |
| 691 | 614 | 615 | 672 | 671 |

| | | | | |
|---|---|---|---|---|
| 692 | 615 | 616 | 673 | 672 |
| 693 | 616 | 617 | 674 | 673 |
| 694 | 617 | 618 | 675 | 674 |
| 695 | 618 | 619 | 676 | 675 |
| 696 | 619 | 620 | 677 | 676 |
| 697 | 620 | 621 | 678 | 677 |
| 698 | 621 | 622 | 679 | 678 |
| 699 | 622 | 623 | 680 | 679 |
| 700 | 623 | 624 | 681 | 680 |
| 701 | 624 | 625 | 682 | 681 |
| 702 | 625 | 626 | 683 | 682 |
| 703 | 626 | 627 | 684 | 683 |
| 704 | 627 | 628 | 685 | 684 |
| 705 | 628 | 629 | 686 | 685 |
| 706 | 629 | 630 | 687 | 686 |
| 707 | 630 | 631 | 688 | 687 |
| 708 | 631 | 632 | 689 | 688 |
| 709 | 632 | 633 | 690 | 689 |
| 710 | 633 | 634 | 691 | 690 |
| 711 | 634 | 635 | 692 | 691 |
| 712 | 635 | 636 | 693 | 692 |
| 713 | 636 | 637 | 694 | 693 |
| 714 | 637 | 638 | 695 | 694 |
| 715 | 638 | 639 | 696 | 695 |
| 716 | 639 | 640 | 697 | 696 |
| 717 | 640 | 641 | 698 | 697 |
| 718 | 641 | 642 | 699 | 698 |
| 719 | 642 | 643 | 700 | 699 |
| 720 | 643 | 644 | 701 | 700 |
| 721 | 644 | 645 | 702 | 701 |
| 722 | 645 | 646 | 703 | 702 |
| 723 | 646 | 647 | 704 | 703 |
| 724 | 647 | 648 | 705 | 704 |
| 725 | 648 | 649 | 706 | 705 |
| 726 | 650 | 651 | 708 | 707 |
| 727 | 651 | 652 | 709 | 708 |
| 728 | 652 | 653 | 710 | 709 |
| 729 | 653 | 654 | 711 | 710 |
| 730 | 654 | 655 | 712 | 711 |
| 731 | 655 | 656 | 713 | 712 |
| 732 | 656 | 657 | 714 | 713 |
| 733 | 657 | 658 | 715 | 714 |
| 734 | 658 | 659 | 716 | 715 |
| 735 | 659 | 660 | 717 | 716 |
| 736 | 660 | 661 | 718 | 717 |
| 737 | 661 | 662 | 719 | 718 |
| 738 | 662 | 663 | 720 | 719 |
| 739 | 663 | 664 | 721 | 720 |
| 740 | 664 | 665 | 722 | 721 |
| 741 | 665 | 666 | 723 | 722 |
| 742 | 666 | 667 | 724 | 723 |
| 743 | 667 | 668 | 725 | 724 |
| 744 | 668 | 669 | 726 | 725 |
| 745 | 669 | 670 | 727 | 726 |
| 746 | 670 | 671 | 728 | 727 |
| 747 | 671 | 672 | 729 | 728 |
| 748 | 672 | 673 | 730 | 729 |
| 749 | 673 | 674 | 731 | 730 |
| 750 | 674 | 675 | 732 | 731 |
| 751 | 675 | 676 | 733 | 732 |
| 752 | 676 | 677 | 734 | 733 |
| 753 | 677 | 678 | 735 | 734 |
| 754 | 678 | 679 | 736 | 735 |
| 755 | 679 | 680 | 737 | 736 |
| 756 | 680 | 681 | 738 | 737 |
| 757 | 681 | 682 | 739 | 738 |
| 758 | 682 | 683 | 740 | 739 |
| 759 | 683 | 684 | 741 | 740 |
| 760 | 684 | 685 | 742 | 741 |
| 761 | 685 | 686 | 743 | 742 |
| 762 | 686 | 687 | 744 | 743 |
| 763 | 687 | 688 | 745 | 744 |
| 764 | 688 | 689 | 746 | 745 |

| | | | | |
|---|---|---|---|---|
| 765 | 689 | 690 | 747 | 746 |
| 766 | 690 | 691 | 748 | 747 |
| 767 | 691 | 692 | 749 | 748 |
| 768 | 692 | 693 | 750 | 749 |
| 769 | 693 | 694 | 751 | 750 |
| 770 | 694 | 695 | 752 | 751 |
| 771 | 695 | 696 | 753 | 752 |
| 772 | 696 | 697 | 754 | 753 |
| 773 | 697 | 698 | 755 | 754 |
| 774 | 698 | 699 | 756 | 755 |
| 775 | 699 | 700 | 757 | 756 |
| 776 | 700 | 701 | 758 | 757 |
| 777 | 701 | 702 | 759 | 758 |
| 778 | 702 | 703 | 760 | 759 |
| 779 | 703 | 704 | 761 | 760 |
| 780 | 704 | 705 | 762 | 761 |
| 781 | 705 | 706 | 763 | 762 |
| 782 | 707 | 708 | 765 | 764 |
| 783 | 708 | 709 | 766 | 765 |
| 784 | 709 | 710 | 767 | 766 |
| 785 | 710 | 711 | 768 | 767 |
| 786 | 711 | 712 | 769 | 768 |
| 787 | 712 | 713 | 770 | 769 |
| 788 | 713 | 714 | 771 | 770 |
| 789 | 714 | 715 | 772 | 771 |
| 790 | 715 | 716 | 773 | 772 |
| 791 | 716 | 717 | 774 | 773 |
| 792 | 717 | 718 | 775 | 774 |
| 793 | 718 | 719 | 776 | 775 |
| 794 | 719 | 720 | 777 | 776 |
| 795 | 720 | 721 | 778 | 777 |
| 796 | 721 | 722 | 779 | 778 |
| 797 | 722 | 723 | 780 | 779 |
| 798 | 723 | 724 | 781 | 780 |
| 799 | 724 | 725 | 782 | 781 |
| 800 | 725 | 726 | 783 | 782 |
| 801 | 726 | 727 | 784 | 783 |
| 802 | 727 | 728 | 785 | 784 |
| 803 | 728 | 729 | 786 | 785 |
| 804 | 729 | 730 | 787 | 786 |
| 805 | 730 | 731 | 788 | 787 |
| 806 | 731 | 732 | 789 | 788 |
| 807 | 732 | 733 | 790 | 789 |
| 808 | 733 | 734 | 791 | 790 |
| 809 | 734 | 735 | 792 | 791 |
| 810 | 735 | 736 | 793 | 792 |
| 811 | 736 | 737 | 794 | 793 |
| 812 | 737 | 738 | 795 | 794 |
| 813 | 738 | 739 | 796 | 795 |
| 814 | 739 | 740 | 797 | 796 |
| 815 | 740 | 741 | 798 | 797 |
| 816 | 741 | 742 | 799 | 798 |
| 817 | 742 | 743 | 800 | 799 |
| 818 | 743 | 744 | 801 | 800 |
| 819 | 744 | 745 | 802 | 801 |
| 820 | 745 | 746 | 803 | 802 |
| 821 | 746 | 747 | 804 | 803 |
| 822 | 747 | 748 | 805 | 804 |
| 823 | 748 | 749 | 806 | 805 |
| 824 | 749 | 750 | 807 | 806 |
| 825 | 750 | 751 | 808 | 807 |
| 826 | 751 | 752 | 809 | 808 |
| 827 | 752 | 753 | 810 | 809 |
| 828 | 753 | 754 | 811 | 810 |
| 829 | 754 | 755 | 812 | 811 |
| 830 | 755 | 756 | 813 | 812 |
| 831 | 756 | 757 | 814 | 813 |
| 832 | 757 | 758 | 815 | 814 |
| 833 | 758 | 759 | 816 | 815 |
| 834 | 759 | 760 | 817 | 816 |
| 835 | 760 | 761 | 818 | 817 |
| 836 | 761 | 762 | 819 | 818 |
| 837 | 762 | 763 | 820 | 819 |

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| 894 | 764 | 765 | 822 | 821 |
| 895 | 765 | 766 | 823 | 822 |
| 896 | 766 | 767 | 824 | 823 |
| 897 | 767 | 768 | 825 | 824 |
| 898 | 768 | 769 | 826 | 825 |
| 899 | 769 | 770 | 827 | 826 |
| 900 | 770 | 771 | 828 | 827 |
| 901 | 771 | 772 | 829 | 828 |
| 902 | 772 | 773 | 830 | 829 |
| 903 | 773 | 774 | 831 | 830 |
| 904 | 774 | 775 | 832 | 831 |
| 905 | 775 | 776 | 833 | 832 |
| 906 | 776 | 777 | 834 | 833 |
| 907 | 777 | 778 | 835 | 834 |
| 908 | 778 | 779 | 836 | 835 |
| 909 | 779 | 780 | 837 | 836 |
| 910 | 780 | 781 | 838 | 837 |
| 911 | 781 | 782 | 839 | 838 |
| 912 | 782 | 783 | 840 | 839 |
| 913 | 783 | 784 | 841 | 840 |
| 914 | 784 | 785 | 842 | 841 |
| 915 | 785 | 786 | 843 | 842 |
| 916 | 786 | 787 | 844 | 843 |
| 917 | 787 | 788 | 845 | 844 |
| 918 | 788 | 789 | 846 | 845 |
| 919 | 789 | 790 | 847 | 846 |
| 920 | 790 | 791 | 848 | 847 |
| 921 | 791 | 792 | 849 | 848 |
| 922 | 792 | 793 | 850 | 849 |
| 923 | 793 | 794 | 851 | 850 |
| 924 | 794 | 795 | 852 | 851 |
| 925 | 795 | 796 | 853 | 852 |
| 926 | 796 | 797 | 854 | 853 |
| 927 | 797 | 798 | 855 | 854 |
| 928 | 798 | 799 | 856 | 855 |
| 929 | 799 | 800 | 857 | 856 |
| 930 | 800 | 801 | 858 | 857 |
| 931 | 801 | 802 | 859 | 858 |
| 932 | 802 | 803 | 860 | 859 |
| 933 | 803 | 804 | 861 | 860 |
| 934 | 804 | 805 | 862 | 861 |
| 935 | 805 | 806 | 863 | 862 |
| 936 | 806 | 807 | 864 | 863 |
| 937 | 807 | 808 | 865 | 864 |
| 938 | 808 | 809 | 866 | 865 |
| 939 | 809 | 810 | 867 | 866 |
| 940 | 810 | 811 | 868 | 867 |
| 941 | 811 | 812 | 869 | 868 |
| 942 | 812 | 813 | 870 | 869 |
| 943 | 813 | 814 | 871 | 870 |
| 944 | 814 | 815 | 872 | 871 |
| 945 | 815 | 816 | 873 | 872 |
| 946 | 816 | 817 | 874 | 873 |
| 947 | 817 | 818 | 875 | 874 |
| 948 | 818 | 819 | 876 | 875 |
| 949 | 819 | 820 | 877 | 876 |
| 950 | 821 | 822 | 879 | 878 |
| 951 | 822 | 823 | 880 | 879 |
| 952 | 823 | 824 | 881 | 880 |
| 953 | 824 | 825 | 882 | 881 |
| 954 | 825 | 826 | 883 | 882 |
| 955 | 826 | 827 | 884 | 883 |
| 956 | 827 | 828 | 885 | 884 |
| 957 | 828 | 829 | 886 | 885 |
| 958 | 829 | 830 | 887 | 886 |
| 959 | 830 | 831 | 888 | 887 |
| 960 | 831 | 832 | 889 | 888 |
| 961 | 832 | 833 | 890 | 889 |
| 962 | 833 | 834 | 891 | 890 |
| 963 | 834 | 835 | 892 | 891 |
| 964 | 835 | 836 | 893 | 892 |
| 965 | 836 | 837 | 894 | 893 |
| 966 | 837 | 838 | 895 | 894 |

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|---|---|---|---|---|
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| 968 | 839 | 840 | 897 | 896 |
| 969 | 840 | 841 | 898 | 897 |
| 970 | 841 | 842 | 899 | 898 |
| 971 | 842 | 843 | 900 | 899 |
| 972 | 843 | 844 | 901 | 900 |
| 973 | 844 | 845 | 902 | 901 |
| 974 | 845 | 846 | 903 | 902 |
| 975 | 846 | 847 | 904 | 903 |
| 976 | 847 | 848 | 905 | 904 |
| 977 | 848 | 849 | 906 | 905 |
| 978 | 849 | 850 | 907 | 906 |
| 979 | 850 | 851 | 908 | 907 |
| 980 | 851 | 852 | 909 | 908 |
| 981 | 852 | 853 | 910 | 909 |
| 982 | 853 | 854 | 911 | 910 |
| 983 | 854 | 855 | 912 | 911 |
| 984 | 855 | 856 | 913 | 912 |
| 985 | 856 | 857 | 914 | 913 |
| 986 | 857 | 858 | 915 | 914 |
| 987 | 858 | 859 | 916 | 915 |
| 988 | 859 | 860 | 917 | 916 |
| 989 | 860 | 861 | 918 | 917 |
| 990 | 861 | 862 | 919 | 918 |
| 991 | 862 | 863 | 920 | 919 |
| 992 | 863 | 864 | 921 | 920 |
| 993 | 864 | 865 | 922 | 921 |
| 994 | 865 | 866 | 923 | 922 |
| 995 | 866 | 867 | 924 | 923 |
| 996 | 867 | 868 | 925 | 924 |
| 997 | 868 | 869 | 926 | 925 |
| 998 | 869 | 870 | 927 | 926 |
| 999 | 870 | 871 | 928 | 927 |
| 1000 | 871 | 872 | 929 | 928 |
| 1001 | 872 | 873 | 930 | 929 |
| 1002 | 873 | 874 | 931 | 930 |
| 1003 | 874 | 875 | 932 | 931 |
| 1004 | 875 | 876 | 933 | 932 |
| 1005 | 876 | 877 | 934 | 933 |

E L E M E N T T O P O L O G Y

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | END CONDITIONS (C=CONSTRAINED,F=FREE,R=RESTRAINED) |
|---|---|---|---|---|
| BMI21 | ELEMENTS | | | |
| 2 | 2 | 3 | 1096 | |
| 3 | 3 | 4 | 1093 | |
| 4 | 4 | 5 | 1094 | |
| 5 | 5 | 11 | 1095 | |
| 6 | 6 | 10 | 1106 | |
| 7 | 11 | 7 | 1092 | |
| 8 | 8 | 12 | 1102 | |
| 11 | 10 | 14 | 1103 | |
| 12 | 15 | 11 | 1091 | |
| 13 | 12 | 16 | 1099 | |
| 14 | 18 | 6 | 1105 | |
| 15 | 28 | 7 | 1098 | |
| 16 | 39 | 8 | 1101 | |
| 17 | 14 | 42 | 1104 | |
| 18 | 52 | 15 | 1097 | |
| 19 | 16 | 63 | 1100 | |
| 26 | 17 | 65 | 1153 | |
| 27 | 29 | 66 | 1173 | |
| 28 | 40 | 67 | 1193 | |
| 29 | 41 | 68 | 1109 | |
| 30 | 53 | 69 | 1129 | |
| 31 | 64 | 70 | 1149 | |
| 32 | 19 | 71 | 1293 | |

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| 33 | 20 | 72 | 1157 |
| 34 | 21 | 73 | 1313 |
| 35 | 22 | 74 | 1161 |
| 36 | 23 | 75 | 1333 |
| 37 | 24 | 76 | 1165 |
| 38 | 25 | 77 | 1353 |
| 39 | 26 | 78 | 1169 |
| 40 | 27 | 79 | 1373 |
| 41 | 30 | 80 | 1393 |
| 42 | 31 | 81 | 1177 |
| 43 | 32 | 82 | 1413 |
| 44 | 33 | 83 | 1181 |
| 45 | 34 | 84 | 1433 |
| 46 | 35 | 85 | 1185 |
| 47 | 36 | 86 | 1453 |
| 48 | 37 | 87 | 1189 |
| 49 | 38 | 88 | 1473 |
| 50 | 43 | 89 | 1289 |
| 51 | 44 | 90 | 1113 |
| 52 | 45 | 91 | 1309 |
| 53 | 46 | 92 | 1117 |
| 54 | 47 | 93 | 1329 |
| 55 | 48 | 94 | 1121 |
| 56 | 49 | 95 | 1349 |
| 57 | 50 | 96 | 1125 |
| 58 | 51 | 97 | 1369 |
| 59 | 54 | 98 | 1389 |
| 60 | 55 | 99 | 1133 |
| 61 | 56 | 100 | 1409 |
| 62 | 57 | 101 | 1137 |
| 63 | 58 | 102 | 1429 |
| 64 | 59 | 103 | 1141 |
| 65 | 60 | 104 | 1449 |
| 66 | 61 | 105 | 1145 |
| 67 | 62 | 106 | 1469 |
| 68 | 65 | 107 | 1154 |
| 69 | 66 | 108 | 1174 |
| 70 | 67 | 109 | 1194 |
| 71 | 68 | 110 | 1110 |
| 72 | 69 | 111 | 1130 |
| 73 | 70 | 112 | 1150 |
| 74 | 71 | 113 | 1294 |
| 75 | 72 | 114 | 1158 |
| 76 | 73 | 115 | 1314 |
| 77 | 74 | 116 | 1162 |
| 78 | 75 | 117 | 1334 |
| 79 | 76 | 118 | 1166 |
| 80 | 77 | 119 | 1354 |
| 81 | 78 | 120 | 1170 |
| 82 | 79 | 121 | 1374 |
| 83 | 80 | 122 | 1394 |
| 84 | 81 | 123 | 1178 |
| 85 | 82 | 124 | 1414 |
| 86 | 83 | 125 | 1182 |
| 87 | 84 | 126 | 1434 |
| 88 | 85 | 127 | 1186 |
| 89 | 86 | 128 | 1454 |
| 90 | 87 | 129 | 1190 |
| 91 | 88 | 130 | 1474 |
| 92 | 89 | 131 | 1290 |
| 93 | 90 | 132 | 1114 |
| 94 | 91 | 133 | 1310 |
| 95 | 92 | 134 | 1118 |
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| 97 | 94 | 136 | 1122 |
| 98 | 95 | 137 | 1350 |
| 99 | 96 | 138 | 1126 |
| 100 | 97 | 139 | 1370 |
| 101 | 98 | 140 | 1390 |
| 102 | 99 | 141 | 1134 |
| 103 | 100 | 142 | 1410 |
| 104 | 101 | 143 | 1138 |
| 105 | 102 | 144 | 1430 |

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| 107 | 104 | 146 | 1450 |
| 108 | 105 | 147 | 1146 |
| 109 | 106 | 148 | 1470 |
| 110 | 107 | 149 | 1151 |
| 111 | 108 | 150 | 1171 |
| 112 | 109 | 151 | 1191 |
| 113 | 110 | 152 | 1107 |
| 114 | 111 | 153 | 1127 |
| 115 | 112 | 154 | 1147 |
| 116 | 113 | 155 | 1291 |
| 117 | 114 | 156 | 1155 |
| 118 | 115 | 157 | 1311 |
| 119 | 116 | 158 | 1159 |
| 120 | 117 | 159 | 1331 |
| 121 | 118 | 160 | 1163 |
| 122 | 119 | 161 | 1351 |
| 123 | 120 | 162 | 1167 |
| 124 | 121 | 163 | 1371 |
| 125 | 122 | 164 | 1391 |
| 126 | 123 | 165 | 1175 |
| 127 | 124 | 166 | 1411 |
| 128 | 125 | 167 | 1179 |
| 129 | 126 | 168 | 1431 |
| 130 | 127 | 169 | 1183 |
| 131 | 128 | 170 | 1451 |
| 132 | 129 | 171 | 1187 |
| 133 | 130 | 172 | 1471 |
| 134 | 131 | 173 | 1287 |
| 135 | 132 | 174 | 1111 |
| 136 | 133 | 175 | 1307 |
| 137 | 134 | 176 | 1115 |
| 138 | 135 | 177 | 1327 |
| 139 | 136 | 178 | 1119 |
| 140 | 137 | 179 | 1347 |
| 141 | 138 | 180 | 1123 |
| 142 | 139 | 181 | 1367 |
| 143 | 140 | 182 | 1387 |
| 144 | 141 | 183 | 1131 |
| 145 | 142 | 184 | 1407 |
| 146 | 143 | 185 | 1135 |
| 147 | 144 | 186 | 1427 |
| 148 | 145 | 187 | 1139 |
| 149 | 146 | 188 | 1447 |
| 150 | 147 | 189 | 1143 |
| 151 | 148 | 190 | 1467 |
| 152 | 149 | 191 | 1152 |
| 153 | 150 | 201 | 1172 |
| 154 | 151 | 211 | 1192 |
| 155 | 152 | 275 | 1108 |
| 156 | 153 | 285 | 1128 |
| 157 | 154 | 295 | 1148 |
| 158 | 155 | 192 | 1292 |
| 159 | 156 | 193 | 1156 |
| 160 | 157 | 194 | 1312 |
| 161 | 158 | 195 | 1160 |
| 162 | 159 | 196 | 1332 |
| 163 | 160 | 197 | 1164 |
| 164 | 161 | 198 | 1352 |
| 165 | 162 | 199 | 1168 |
| 166 | 163 | 200 | 1372 |
| 167 | 164 | 202 | 1392 |
| 168 | 165 | 203 | 1176 |
| 169 | 166 | 204 | 1412 |
| 170 | 167 | 205 | 1180 |
| 171 | 168 | 206 | 1432 |
| 172 | 169 | 207 | 1184 |
| 173 | 170 | 208 | 1452 |
| 174 | 171 | 209 | 1188 |
| 175 | 172 | 210 | 1472 |
| 176 | 173 | 276 | 1288 |
| 177 | 174 | 277 | 1112 |
| 178 | 175 | 278 | 1308 |

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| 179 | 176 | 279 | 1116 |
| 180 | 177 | 280 | 1328 |
| 181 | 178 | 281 | 1120 |
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| 183 | 180 | 283 | 1124 |
| 184 | 181 | 284 | 1368 |
| 185 | 182 | 286 | 1388 |
| 186 | 183 | 287 | 1132 |
| 187 | 184 | 288 | 1408 |
| 188 | 185 | 289 | 1136 |
| 189 | 186 | 290 | 1428 |
| 190 | 187 | 291 | 1140 |
| 191 | 188 | 292 | 1448 |
| 192 | 189 | 293 | 1144 |
| 193 | 190 | 294 | 1468 |
| 194 | 191 | 212 | 1047 |
| 195 | 192 | 213 | 1283 |
| 196 | 193 | 214 | 1051 |
| 197 | 194 | 215 | 1303 |
| 198 | 195 | 216 | 1055 |
| 199 | 196 | 217 | 1323 |
| 200 | 197 | 218 | 1059 |
| 201 | 198 | 219 | 1343 |
| 202 | 199 | 220 | 1063 |
| 203 | 200 | 221 | 1363 |
| 204 | 201 | 222 | 1067 |
| 205 | 202 | 223 | 1383 |
| 206 | 203 | 224 | 1071 |
| 207 | 204 | 225 | 1403 |
| 208 | 205 | 226 | 1075 |
| 209 | 206 | 227 | 1423 |
| 210 | 207 | 228 | 1079 |
| 211 | 208 | 229 | 1443 |
| 212 | 209 | 230 | 1083 |
| 213 | 210 | 231 | 1463 |
| 214 | 211 | 232 | 1087 |
| 215 | 212 | 233 | 1048 |
| 216 | 213 | 234 | 1284 |
| 217 | 214 | 235 | 1052 |
| 218 | 215 | 236 | 1304 |
| 219 | 216 | 237 | 1056 |
| 220 | 217 | 238 | 1324 |
| 221 | 218 | 239 | 1060 |
| 222 | 219 | 240 | 1344 |
| 223 | 220 | 241 | 1064 |
| 224 | 221 | 242 | 1364 |
| 225 | 222 | 243 | 1068 |
| 226 | 223 | 244 | 1384 |
| 227 | 224 | 245 | 1072 |
| 228 | 225 | 246 | 1404 |
| 229 | 226 | 247 | 1076 |
| 230 | 227 | 248 | 1424 |
| 231 | 228 | 249 | 1080 |
| 232 | 229 | 250 | 1444 |
| 233 | 230 | 251 | 1084 |
| 234 | 231 | 252 | 1464 |
| 235 | 232 | 253 | 1088 |
| 236 | 233 | 254 | 1049 |
| 237 | 234 | 255 | 1285 |
| 238 | 235 | 256 | 1053 |
| 239 | 236 | 257 | 1305 |
| 240 | 237 | 258 | 1057 |
| 241 | 238 | 259 | 1325 |
| 242 | 239 | 260 | 1061 |
| 243 | 240 | 261 | 1345 |
| 244 | 241 | 262 | 1065 |
| 245 | 242 | 263 | 1365 |
| 246 | 243 | 264 | 1069 |
| 247 | 244 | 265 | 1385 |
| 248 | 245 | 266 | 1073 |
| 249 | 246 | 267 | 1405 |
| 250 | 247 | 268 | 1077 |
| 251 | 248 | 269 | 1425 |

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| 252 | 249 | 270 | 1081 |
| 253 | 250 | 271 | 1445 |
| 254 | 251 | 272 | 1085 |
| 255 | 252 | 273 | 1465 |
| 256 | 253 | 274 | 1089 |
| 257 | 254 | 275 | 1050 |
| 258 | 255 | 276 | 1286 |
| 259 | 256 | 277 | 1054 |
| 260 | 257 | 278 | 1306 |
| 261 | 258 | 279 | 1058 |
| 262 | 259 | 280 | 1326 |
| 263 | 260 | 281 | 1062 |
| 264 | 261 | 282 | 1346 |
| 265 | 262 | 283 | 1066 |
| 266 | 263 | 284 | 1366 |
| 267 | 264 | 285 | 1070 |
| 268 | 265 | 286 | 1386 |
| 269 | 266 | 287 | 1074 |
| 270 | 267 | 288 | 1406 |
| 271 | 268 | 289 | 1078 |
| 272 | 269 | 290 | 1426 |
| 273 | 270 | 291 | 1082 |
| 274 | 271 | 292 | 1446 |
| 275 | 272 | 293 | 1086 |
| 276 | 273 | 294 | 1466 |
| 277 | 274 | 295 | 1090 |
| 278 | 192 | 296 | 1301 |
| 279 | 193 | 297 | 1245 |
| 280 | 194 | 298 | 1321 |
| 281 | 195 | 299 | 1249 |
| 282 | 196 | 300 | 1341 |
| 283 | 197 | 301 | 1253 |
| 284 | 198 | 302 | 1361 |
| 285 | 199 | 303 | 1257 |
| 286 | 200 | 304 | 1381 |
| 287 | 202 | 305 | 1401 |
| 288 | 203 | 306 | 1265 |
| 289 | 204 | 307 | 1421 |
| 290 | 205 | 308 | 1269 |
| 291 | 206 | 309 | 1441 |
| 292 | 207 | 310 | 1273 |
| 293 | 208 | 311 | 1461 |
| 294 | 209 | 312 | 1277 |
| 295 | 210 | 313 | 1481 |
| 296 | 276 | 314 | 1297 |
| 297 | 277 | 315 | 1201 |
| 298 | 278 | 316 | 1317 |
| 299 | 279 | 317 | 1205 |
| 300 | 280 | 318 | 1337 |
| 301 | 281 | 319 | 1209 |
| 302 | 282 | 320 | 1357 |
| 303 | 283 | 321 | 1213 |
| 304 | 284 | 322 | 1377 |
| 305 | 286 | 323 | 1397 |
| 306 | 287 | 324 | 1221 |
| 307 | 288 | 325 | 1417 |
| 308 | 289 | 326 | 1225 |
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| 313 | 294 | 331 | 1477 |
| 314 | 191 | 332 | 1241 |
| 315 | 201 | 333 | 1261 |
| 316 | 211 | 334 | 1281 |
| 317 | 275 | 335 | 1197 |
| 318 | 285 | 336 | 1217 |
| 319 | 295 | 337 | 1237 |
| 320 | 296 | 338 | 1302 |
| 321 | 297 | 339 | 1246 |
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| 323 | 299 | 341 | 1250 |
| 324 | 300 | 342 | 1342 |

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| 326 | 302 | 344 | 1362 |
| 327 | 303 | 345 | 1258 |
| 328 | 304 | 346 | 1382 |
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| 331 | 307 | 349 | 1422 |
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| 333 | 309 | 351 | 1442 |
| 334 | 310 | 352 | 1274 |
| 335 | 311 | 353 | 1462 |
| 336 | 312 | 354 | 1278 |
| 337 | 313 | 355 | 1482 |
| 338 | 314 | 356 | 1298 |
| 339 | 315 | 357 | 1202 |
| 340 | 316 | 358 | 1318 |
| 341 | 317 | 359 | 1206 |
| 342 | 318 | 360 | 1338 |
| 343 | 319 | 361 | 1210 |
| 344 | 320 | 362 | 1358 |
| 345 | 321 | 363 | 1214 |
| 346 | 322 | 364 | 1378 |
| 347 | 323 | 365 | 1398 |
| 348 | 324 | 366 | 1222 |
| 349 | 325 | 367 | 1418 |
| 350 | 326 | 368 | 1226 |
| 351 | 327 | 369 | 1438 |
| 352 | 328 | 370 | 1230 |
| 353 | 329 | 371 | 1458 |
| 354 | 330 | 372 | 1234 |
| 355 | 331 | 373 | 1478 |
| 356 | 332 | 374 | 1242 |
| 357 | 333 | 375 | 1262 |
| 358 | 334 | 376 | 1282 |
| 359 | 335 | 377 | 1198 |
| 360 | 336 | 378 | 1218 |
| 361 | 337 | 379 | 1238 |
| 362 | 338 | 380 | 1299 |
| 363 | 339 | 381 | 1243 |
| 364 | 340 | 382 | 1319 |
| 365 | 341 | 383 | 1247 |
| 366 | 342 | 384 | 1339 |
| 367 | 343 | 385 | 1251 |
| 368 | 344 | 386 | 1359 |
| 369 | 345 | 387 | 1255 |
| 370 | 346 | 388 | 1379 |
| 371 | 347 | 389 | 1399 |
| 372 | 348 | 390 | 1263 |
| 373 | 349 | 391 | 1419 |
| 374 | 350 | 392 | 1267 |
| 375 | 351 | 393 | 1439 |
| 376 | 352 | 394 | 1271 |
| 377 | 353 | 395 | 1459 |
| 378 | 354 | 396 | 1275 |
| 379 | 355 | 397 | 1479 |
| 380 | 356 | 398 | 1295 |
| 381 | 357 | 399 | 1199 |
| 382 | 358 | 400 | 1315 |
| 383 | 359 | 401 | 1203 |
| 384 | 360 | 402 | 1335 |
| 385 | 361 | 403 | 1207 |
| 386 | 362 | 404 | 1355 |
| 387 | 363 | 405 | 1211 |
| 388 | 364 | 406 | 1375 |
| 389 | 365 | 407 | 1395 |
| 390 | 366 | 408 | 1219 |
| 391 | 367 | 409 | 1415 |
| 392 | 368 | 410 | 1223 |
| 393 | 369 | 411 | 1435 |
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| 396 | 372 | 414 | 1231 |
| 397 | 373 | 415 | 1475 |

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| 398 | 374 | 416 | 1239 |
| 399 | 375 | 417 | 1259 |
| 400 | 376 | 418 | 1279 |
| 401 | 377 | 419 | 1195 |
| 402 | 378 | 420 | 1215 |
| 403 | 379 | 421 | 1235 |
| 404 | 380 | 539 | 1300 |
| 405 | 381 | 542 | 1244 |
| 406 | 382 | 544 | 1320 |
| 407 | 383 | 547 | 1248 |
| 408 | 384 | 550 | 1340 |
| 409 | 385 | 552 | 1252 |
| 410 | 386 | 555 | 1360 |
| 411 | 387 | 558 | 1256 |
| 412 | 388 | 560 | 1380 |
| 413 | 389 | 566 | 1400 |
| 414 | 390 | 568 | 1264 |
| 415 | 391 | 571 | 1420 |
| 416 | 392 | 574 | 1268 |
| 417 | 393 | 577 | 1440 |
| 418 | 394 | 580 | 1272 |
| 419 | 395 | 583 | 1460 |
| 420 | 396 | 586 | 1276 |
| 421 | 397 | 589 | 1480 |
| 422 | 398 | 767 | 1296 |
| 423 | 399 | 770 | 1200 |
| 424 | 400 | 772 | 1316 |
| 425 | 401 | 775 | 1204 |
| 426 | 402 | 778 | 1336 |
| 427 | 403 | 780 | 1208 |
| 428 | 404 | 783 | 1356 |
| 429 | 405 | 786 | 1212 |
| 430 | 406 | 788 | 1376 |
| 431 | 407 | 794 | 1396 |
| 432 | 408 | 796 | 1220 |
| 433 | 409 | 799 | 1416 |
| 434 | 410 | 802 | 1224 |
| 435 | 411 | 805 | 1436 |
| 436 | 412 | 808 | 1228 |
| 437 | 413 | 811 | 1456 |
| 438 | 414 | 814 | 1232 |
| 439 | 415 | 817 | 1476 |
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| 443 | 419 | 764 | 1196 |
| 444 | 420 | 791 | 1216 |
| 445 | 421 | 820 | 1236 |
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| 561 | 539 | 540 | 952 |
| 562 | 540 | 541 | 953 |
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| 582 | 560 | 561 | 990 |

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| 584 | 562 | 563 | 992 |
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| 588 | 566 | 567 | 1000 |
| 589 | 567 | 568 | 938 |
| 590 | 568 | 569 | 1005 |
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| 592 | 570 | 571 | 1007 |
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| 599 | 577 | 578 | 1019 |
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| 603 | 581 | 582 | 1028 |
| 604 | 582 | 583 | 1029 |
| 605 | 583 | 584 | 1030 |
| 606 | 584 | 585 | 939 |
| 607 | 585 | 586 | 940 |
| 608 | 586 | 587 | 1035 |
| 609 | 587 | 588 | 1036 |
| 610 | 588 | 589 | 1037 |
| 611 | 589 | 590 | 1038 |
| 612 | 590 | 591 | 1039 |
| 613 | 591 | 592 | 1040 |
| 838 | 764 | 765 | 955 |
| 839 | 765 | 766 | 956 |
| 840 | 766 | 767 | 957 |
| 841 | 767 | 768 | 958 |
| 842 | 768 | 769 | 959 |
| 843 | 769 | 770 | 960 |
| 844 | 770 | 771 | 941 |
| 845 | 771 | 772 | 965 |
| 846 | 772 | 773 | 966 |
| 847 | 773 | 774 | 967 |
| 848 | 774 | 775 | 968 |
| 849 | 775 | 776 | 973 |
| 850 | 776 | 777 | 974 |
| 851 | 777 | 778 | 975 |
| 852 | 778 | 779 | 976 |
| 853 | 779 | 780 | 942 |
| 854 | 780 | 781 | 983 |
| 855 | 781 | 782 | 984 |
| 856 | 782 | 783 | 985 |
| 857 | 783 | 784 | 986 |
| 858 | 784 | 785 | 987 |
| 859 | 785 | 786 | 988 |
| 860 | 786 | 787 | 943 |
| 861 | 787 | 788 | 993 |
| 862 | 788 | 789 | 994 |
| 863 | 789 | 790 | 995 |
| 864 | 790 | 791 | 996 |
| 865 | 791 | 792 | 1001 |
| 866 | 792 | 793 | 1002 |
| 867 | 793 | 794 | 1003 |
| 868 | 794 | 795 | 1004 |
| 869 | 795 | 796 | 944 |
| 870 | 796 | 797 | 1011 |
| 871 | 797 | 798 | 1012 |
| 872 | 798 | 799 | 1013 |
| 873 | 799 | 800 | 1014 |
| 874 | 800 | 801 | 1015 |
| 875 | 801 | 802 | 1016 |
| 876 | 802 | 803 | 948 |
| 877 | 803 | 804 | 1022 |
| 878 | 804 | 805 | 1023 |
| 879 | 805 | 806 | 1024 |

| | | | |
|---|---|---|---|
| 880 | 806 | 807 | 1025 |
| 881 | 807 | 808 | 1026 |
| 882 | 808 | 809 | 1031 |
| 883 | 809 | 810 | 1032 |
| 884 | 810 | 811 | 1033 |
| 885 | 811 | 812 | 1034 |
| 886 | 812 | 813 | 945 |
| 887 | 813 | 814 | 946 |
| 888 | 814 | 815 | 1041 |
| 889 | 815 | 816 | 1042 |
| 890 | 816 | 817 | 1043 |
| 891 | 817 | 818 | 1044 |
| 892 | 818 | 819 | 1045 |
| 893 | 819 | 820 | 1046 |

TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST NODE NUMBER = 1500

D E F A U L T S O L V E R C H O S E N

N O D E C O O R D I N A T E S

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|---|---|---|---|
| 1 | 40.0000 | 5.62500 | -8.60000 |
| 2 | 40.0000 | 5.62500 | -8.60000 |
| 3 | 40.0000 | 5.62500 | -6.80000 |
| 4 | 40.0000 | 5.62500 | -5.46667 |
| 5 | 40.0000 | 5.62500 | -4.13333 |
| 6 | 0.000000E+00 | 2.35000 | -2.80000 |
| 7 | 40.0000 | 2.35000 | -2.80000 |
| 8 | 81.0000 | 2.35000 | -2.80000 |
| 9 | 0.000000E+00 | 5.62500 | -2.80000 |
| 10 | 0.000000E+00 | 5.62500 | -2.80000 |
| 11 | 40.0000 | 5.62500 | -2.80000 |
| 12 | 81.0000 | 5.62500 | -2.80000 |
| 13 | 81.0000 | 5.62500 | -2.80000 |
| 14 | 0.000000E+00 | 8.90000 | -2.80000 |
| 15 | 40.0000 | 8.90000 | -2.80000 |
| 16 | 81.0000 | 8.90000 | -2.80000 |
| 17 | 0.000000E+00 | 2.35000 | -2.30000 |
| 18 | 0.000000E+00 | 2.35000 | -2.30000 |
| 19 | 4.00000 | 2.35000 | -2.30000 |
| 20 | 8.00000 | 2.35000 | -2.30000 |
| 21 | 12.0000 | 2.35000 | -2.30000 |
| 22 | 16.0000 | 2.35000 | -2.30000 |
| 23 | 20.0000 | 2.35000 | -2.30000 |
| 24 | 24.0000 | 2.35000 | -2.30000 |
| 25 | 28.0000 | 2.35000 | -2.30000 |
| 26 | 32.0000 | 2.35000 | -2.30000 |
| 27 | 36.0000 | 2.35000 | -2.30000 |
| 28 | 40.0000 | 2.35000 | -2.30000 |
| 29 | 40.0000 | 2.35000 | -2.30000 |
| 30 | 44.0000 | 2.35000 | -2.30000 |
| 31 | 48.0000 | 2.35000 | -2.30000 |
| 32 | 52.2500 | 2.35000 | -2.30000 |
| 33 | 56.5000 | 2.35000 | -2.30000 |
| 34 | 60.7500 | 2.35000 | -2.30000 |
| 35 | 65.0000 | 2.35000 | -2.30000 |
| 36 | 69.0000 | 2.35000 | -2.30000 |
| 37 | 73.0000 | 2.35000 | -2.30000 |
| 38 | 77.0000 | 2.35000 | -2.30000 |
| 39 | 81.0000 | 2.35000 | -2.30000 |
| 40 | 81.0000 | 2.35000 | -2.30000 |

| | | | |
|---|---|---|---|
| 41 | 0.000000E+00 | 8.90000 | -2.30000 |
| 42 | 0.000000E+00 | 8.90000 | -2.30000 |
| 43 | 4.00000 | 8.90000 | -2.30000 |
| 44 | 8.00000 | 8.90000 | -2.30000 |
| 45 | 12.0000 | 8.90000 | -2.30000 |
| 46 | 16.0000 | 8.90000 | -2.30000 |
| 47 | 20.0000 | 8.90000 | -2.30000 |
| 48 | 24.0000 | 8.90000 | -2.30000 |
| 49 | 28.0000 | 8.90000 | -2.30000 |
| 50 | 32.0000 | 8.90000 | -2.30000 |
| 51 | 36.0000 | 8.90000 | -2.30000 |
| 52 | 40.0000 | 8.90000 | -2.30000 |
| 53 | 40.0000 | 8.90000 | -2.30000 |
| 54 | 44.0000 | 8.90000 | -2.30000 |
| 55 | 48.0000 | 8.90000 | -2.30000 |
| 56 | 52.2500 | 8.90000 | -2.30000 |
| 57 | 56.5000 | 8.90000 | -2.30000 |
| 58 | 60.7500 | 8.90000 | -2.30000 |
| 59 | 65.0000 | 8.90000 | -2.30000 |
| 60 | 69.0000 | 8.90000 | -2.30000 |
| 61 | 73.0000 | 8.90000 | -2.30000 |
| 62 | 77.0000 | 8.90000 | -2.30000 |
| 63 | 81.0000 | 8.90000 | -2.30000 |
| 64 | 81.0000 | 8.90000 | -2.30000 |
| 65 | 0.000000E+00 | 2.35000 | -2.02500 |
| 66 | 40.0000 | 2.35000 | -2.02500 |
| 67 | 81.0000 | 2.35000 | -2.02500 |
| 68 | 0.000000E+00 | 8.90000 | -2.02500 |
| 69 | 40.0000 | 8.90000 | -2.02500 |
| 70 | 81.0000 | 8.90000 | -2.02500 |
| 71 | 4.00000 | 2.35000 | -1.89750 |
| 72 | 8.00000 | 2.35000 | -1.89750 |
| 73 | 12.0000 | 2.35000 | -1.89750 |
| 74 | 16.0000 | 2.35000 | -1.89750 |
| 75 | 20.0000 | 2.35000 | -1.89750 |
| 76 | 24.0000 | 2.35000 | -1.89750 |
| 77 | 28.0000 | 2.35000 | -1.89750 |
| 78 | 32.0000 | 2.35000 | -1.89750 |
| 79 | 36.0000 | 2.35000 | -1.89750 |
| 80 | 44.0000 | 2.35000 | -1.89750 |
| 81 | 48.0000 | 2.35000 | -1.89750 |
| 82 | 52.2500 | 2.35000 | -1.89750 |
| 83 | 56.5000 | 2.35000 | -1.89750 |
| 84 | 60.7500 | 2.35000 | -1.89750 |
| 85 | 65.0000 | 2.35000 | -1.89750 |
| 86 | 69.0000 | 2.35000 | -1.89750 |
| 87 | 73.0000 | 2.35000 | -1.89750 |
| 88 | 77.0000 | 2.35000 | -1.89750 |
| 89 | 4.00000 | 8.90000 | -1.89750 |
| 90 | 8.00000 | 8.90000 | -1.89750 |
| 91 | 12.0000 | 8.90000 | -1.89750 |
| 92 | 16.0000 | 8.90000 | -1.89750 |
| 93 | 20.0000 | 8.90000 | -1.89750 |
| 94 | 24.0000 | 8.90000 | -1.89750 |
| 95 | 28.0000 | 8.90000 | -1.89750 |
| 96 | 32.0000 | 8.90000 | -1.89750 |
| 97 | 36.0000 | 8.90000 | -1.89750 |
| 98 | 44.0000 | 8.90000 | -1.89750 |
| 99 | 48.0000 | 8.90000 | -1.89750 |
| 100 | 52.2500 | 8.90000 | -1.89750 |
| 101 | 56.5000 | 8.90000 | -1.89750 |
| 102 | 60.7500 | 8.90000 | -1.89750 |
| 103 | 65.0000 | 8.90000 | -1.89750 |
| 104 | 69.0000 | 8.90000 | -1.89750 |
| 105 | 73.0000 | 8.90000 | -1.89750 |
| 106 | 77.0000 | 8.90000 | -1.89750 |
| 107 | 0.000000E+00 | 2.35000 | -1.75000 |
| 108 | 40.0000 | 2.35000 | -1.75000 |
| 109 | 81.0000 | 2.35000 | -1.75000 |
| 110 | 0.000000E+00 | 8.90000 | -1.75000 |
| 111 | 40.0000 | 8.90000 | -1.75000 |
| 112 | 81.0000 | 8.90000 | -1.75000 |
| 113 | 4.00000 | 2.35000 | -1.49500 |

| | | | |
|---|---|---|---|
| 114 | 8.00000 | 2.35000 | -1.49500 |
| 115 | 12.0000 | 2.35000 | -1.49500 |
| 116 | 16.0000 | 2.35000 | -1.49500 |
| 117 | 20.0000 | 2.35000 | -1.49500 |
| 118 | 24.0000 | 2.35000 | -1.49500 |
| 119 | 28.0000 | 2.35000 | -1.49500 |
| 120 | 32.0000 | 2.35000 | -1.49500 |
| 121 | 36.0000 | 2.35000 | -1.49500 |
| 122 | 44.0000 | 2.35000 | -1.49500 |
| 123 | 48.0000 | 2.35000 | -1.49500 |
| 124 | 52.2500 | 2.35000 | -1.49500 |
| 125 | 56.5000 | 2.35000 | -1.49500 |
| 126 | 60.7500 | 2.35000 | -1.49500 |
| 127 | 65.0000 | 2.35000 | -1.49500 |
| 128 | 69.0000 | 2.35000 | -1.49500 |
| 129 | 73.0000 | 2.35000 | -1.49500 |
| 130 | 77.0000 | 2.35000 | -1.49500 |
| 131 | 4.00000 | 8.90000 | -1.49500 |
| 132 | 8.00000 | 8.90000 | -1.49500 |
| 133 | 12.0000 | 8.90000 | -1.49500 |
| 134 | 16.0000 | 8.90000 | -1.49500 |
| 135 | 20.0000 | 8.90000 | -1.49500 |
| 136 | 24.0000 | 8.90000 | -1.49500 |
| 137 | 28.0000 | 8.90000 | -1.49500 |
| 138 | 32.0000 | 8.90000 | -1.49500 |
| 139 | 36.0000 | 8.90000 | -1.49500 |
| 140 | 44.0000 | 8.90000 | -1.49500 |
| 141 | 48.0000 | 8.90000 | -1.49500 |
| 142 | 52.2500 | 8.90000 | -1.49500 |
| 143 | 56.5000 | 8.90000 | -1.49500 |
| 144 | 60.7500 | 8.90000 | -1.49500 |
| 145 | 65.0000 | 8.90000 | -1.49500 |
| 146 | 69.0000 | 8.90000 | -1.49500 |
| 147 | 73.0000 | 8.90000 | -1.49500 |
| 148 | 77.0000 | 8.90000 | -1.49500 |
| 149 | 0.000000E+00 | 2.35000 | -1.42500 |
| 150 | 40.0000 | 2.35000 | -1.42500 |
| 151 | 81.0000 | 2.35000 | -1.42500 |
| 152 | 0.000000E+00 | 8.90000 | -1.42500 |
| 153 | 40.0000 | 8.90000 | -1.42500 |
| 154 | 81.0000 | 8.90000 | -1.42500 |
| 155 | 4.00000 | 2.35000 | -1.29750 |
| 156 | 8.00000 | 2.35000 | -1.29750 |
| 157 | 12.0000 | 2.35000 | -1.29750 |
| 158 | 16.0000 | 2.35000 | -1.29750 |
| 159 | 20.0000 | 2.35000 | -1.29750 |
| 160 | 24.0000 | 2.35000 | -1.29750 |
| 161 | 28.0000 | 2.35000 | -1.29750 |
| 162 | 32.0000 | 2.35000 | -1.29750 |
| 163 | 36.0000 | 2.35000 | -1.29750 |
| 164 | 44.0000 | 2.35000 | -1.29750 |
| 165 | 48.0000 | 2.35000 | -1.29750 |
| 166 | 52.2500 | 2.35000 | -1.29750 |
| 167 | 56.5000 | 2.35000 | -1.29750 |
| 168 | 60.7500 | 2.35000 | -1.29750 |
| 169 | 65.0000 | 2.35000 | -1.29750 |
| 170 | 69.0000 | 2.35000 | -1.29750 |
| 171 | 73.0000 | 2.35000 | -1.29750 |
| 172 | 77.0000 | 2.35000 | -1.29750 |
| 173 | 4.00000 | 8.90000 | -1.29750 |
| 174 | 8.00000 | 8.90000 | -1.29750 |
| 175 | 12.0000 | 8.90000 | -1.29750 |
| 176 | 16.0000 | 8.90000 | -1.29750 |
| 177 | 20.0000 | 8.90000 | -1.29750 |
| 178 | 24.0000 | 8.90000 | -1.29750 |
| 179 | 28.0000 | 8.90000 | -1.29750 |
| 180 | 32.0000 | 8.90000 | -1.29750 |
| 181 | 36.0000 | 8.90000 | -1.29750 |
| 182 | 44.0000 | 8.90000 | -1.29750 |
| 183 | 48.0000 | 8.90000 | -1.29750 |
| 184 | 52.2500 | 8.90000 | -1.29750 |
| 185 | 56.5000 | 8.90000 | -1.29750 |
| 186 | 60.7500 | 8.90000 | -1.29750 |

| | | | |
|---|---|---|---|
| 187 | 65.0000 | 8.90000 | -1.29750 |
| 188 | 69.0000 | 8.90000 | -1.29750 |
| 189 | 73.0000 | 8.90000 | -1.29750 |
| 190 | 77.0000 | 8.90000 | -1.29750 |
| 191 | 0.000000E+00 | 2.35000 | -1.10000 |
| 192 | 4.00000 | 2.35000 | -1.10000 |
| 193 | 8.00000 | 2.35000 | -1.10000 |
| 194 | 12.0000 | 2.35000 | -1.10000 |
| 195 | 16.0000 | 2.35000 | -1.10000 |
| 196 | 20.0000 | 2.35000 | -1.10000 |
| 197 | 24.0000 | 2.35000 | -1.10000 |
| 198 | 28.0000 | 2.35000 | -1.10000 |
| 199 | 32.0000 | 2.35000 | -1.10000 |
| 200 | 36.0000 | 2.35000 | -1.10000 |
| 201 | 40.0000 | 2.35000 | -1.10000 |
| 202 | 44.0000 | 2.35000 | -1.10000 |
| 203 | 48.0000 | 2.35000 | -1.10000 |
| 204 | 52.2500 | 2.35000 | -1.10000 |
| 205 | 56.5000 | 2.35000 | -1.10000 |
| 206 | 60.7500 | 2.35000 | -1.10000 |
| 207 | 65.0000 | 2.35000 | -1.10000 |
| 208 | 69.0000 | 2.35000 | -1.10000 |
| 209 | 73.0000 | 2.35000 | -1.10000 |
| 210 | 77.0000 | 2.35000 | -1.10000 |
| 211 | 81.0000 | 2.35000 | -1.10000 |
| 212 | 0.000000E+00 | 3.98750 | -1.10000 |
| 213 | 4.00000 | 3.98750 | -1.10000 |
| 214 | 8.00000 | 3.98750 | -1.10000 |
| 215 | 12.0000 | 3.98750 | -1.10000 |
| 216 | 16.0000 | 3.98750 | -1.10000 |
| 217 | 20.0000 | 3.98750 | -1.10000 |
| 218 | 24.0000 | 3.98750 | -1.10000 |
| 219 | 28.0000 | 3.98750 | -1.10000 |
| 220 | 32.0000 | 3.98750 | -1.10000 |
| 221 | 36.0000 | 3.98750 | -1.10000 |
| 222 | 40.0000 | 3.98750 | -1.10000 |
| 223 | 44.0000 | 3.98750 | -1.10000 |
| 224 | 48.0000 | 3.98750 | -1.10000 |
| 225 | 52.2500 | 3.98750 | -1.10000 |
| 226 | 56.5000 | 3.98750 | -1.10000 |
| 227 | 60.7500 | 3.98750 | -1.10000 |
| 228 | 65.0000 | 3.98750 | -1.10000 |
| 229 | 69.0000 | 3.98750 | -1.10000 |
| 230 | 73.0000 | 3.98750 | -1.10000 |
| 231 | 77.0000 | 3.98750 | -1.10000 |
| 232 | 81.0000 | 3.98750 | -1.10000 |
| 233 | 0.000000E+00 | 5.62500 | -1.10000 |
| 234 | 4.00000 | 5.62500 | -1.10000 |
| 235 | 8.00000 | 5.62500 | -1.10000 |
| 236 | 12.0000 | 5.62500 | -1.10000 |
| 237 | 16.0000 | 5.62500 | -1.10000 |
| 238 | 20.0000 | 5.62500 | -1.10000 |
| 239 | 24.0000 | 5.62500 | -1.10000 |
| 240 | 28.0000 | 5.62500 | -1.10000 |
| 241 | 32.0000 | 5.62500 | -1.10000 |
| 242 | 36.0000 | 5.62500 | -1.10000 |
| 243 | 40.0000 | 5.62500 | -1.10000 |
| 244 | 44.0000 | 5.62500 | -1.10000 |
| 245 | 48.0000 | 5.62500 | -1.10000 |
| 246 | 52.2500 | 5.62500 | -1.10000 |
| 247 | 56.5000 | 5.62500 | -1.10000 |
| 248 | 60.7500 | 5.62500 | -1.10000 |
| 249 | 65.0000 | 5.62500 | -1.10000 |
| 250 | 69.0000 | 5.62500 | -1.10000 |
| 251 | 73.0000 | 5.62500 | -1.10000 |
| 252 | 77.0000 | 5.62500 | -1.10000 |
| 253 | 81.0000 | 5.62500 | -1.10000 |
| 254 | 0.000000E+00 | 7.26250 | -1.10000 |
| 255 | 4.00000 | 7.26250 | -1.10000 |
| 256 | 8.00000 | 7.26250 | -1.10000 |
| 257 | 12.0000 | 7.26250 | -1.10000 |
| 258 | 16.0000 | 7.26250 | -1.10000 |
| 259 | 20.0000 | 7.26250 | -1.10000 |

| | | | |
|---|---|---|---|
| 260 | 24.0000 | 7.26250 | -1.10000 |
| 261 | 28.0000 | 7.26250 | -1.10000 |
| 262 | 32.0000 | 7.26250 | -1.10000 |
| 263 | 36.0000 | 7.26250 | -1.10000 |
| 264 | 40.0000 | 7.26250 | -1.10000 |
| 265 | 44.0000 | 7.26250 | -1.10000 |
| 266 | 48.0000 | 7.26250 | -1.10000 |
| 267 | 52.2500 | 7.26250 | -1.10000 |
| 268 | 56.5000 | 7.26250 | -1.10000 |
| 269 | 60.7500 | 7.26250 | -1.10000 |
| 270 | 65.0000 | 7.26250 | -1.10000 |
| 271 | 69.0000 | 7.26250 | -1.10000 |
| 272 | 73.0000 | 7.26250 | -1.10000 |
| 273 | 77.0000 | 7.26250 | -1.10000 |
| 274 | 81.0000 | 7.26250 | -1.10000 |
| 275 | 0.000000E+00 | 8.90000 | -1.10000 |
| 276 | 4.00000 | 8.90000 | -1.10000 |
| 277 | 8.00000 | 8.90000 | -1.10000 |
| 278 | 12.0000 | 8.90000 | -1.10000 |
| 279 | 16.0000 | 8.90000 | -1.10000 |
| 280 | 20.0000 | 8.90000 | -1.10000 |
| 281 | 24.0000 | 8.90000 | -1.10000 |
| 282 | 28.0000 | 8.90000 | -1.10000 |
| 283 | 32.0000 | 8.90000 | -1.10000 |
| 284 | 36.0000 | 8.90000 | -1.10000 |
| 285 | 40.0000 | 8.90000 | -1.10000 |
| 286 | 44.0000 | 8.90000 | -1.10000 |
| 287 | 48.0000 | 8.90000 | -1.10000 |
| 288 | 52.2500 | 8.90000 | -1.10000 |
| 289 | 56.5000 | 8.90000 | -1.10000 |
| 290 | 60.7500 | 8.90000 | -1.10000 |
| 291 | 65.0000 | 8.90000 | -1.10000 |
| 292 | 69.0000 | 8.90000 | -1.10000 |
| 293 | 73.0000 | 8.90000 | -1.10000 |
| 294 | 77.0000 | 8.90000 | -1.10000 |
| 295 | 81.0000 | 8.90000 | -1.10000 |
| 296 | 4.00000 | 2.35000 | -0.902500 |
| 297 | 8.00000 | 2.35000 | -0.902500 |
| 298 | 12.0000 | 2.35000 | -0.902500 |
| 299 | 16.0000 | 2.35000 | -0.902500 |
| 300 | 20.0000 | 2.35000 | -0.902500 |
| 301 | 24.0000 | 2.35000 | -0.902500 |
| 302 | 28.0000 | 2.35000 | -0.902500 |
| 303 | 32.0000 | 2.35000 | -0.902500 |
| 304 | 36.0000 | 2.35000 | -0.902500 |
| 305 | 44.0000 | 2.35000 | -0.902500 |
| 306 | 48.0000 | 2.35000 | -0.902500 |
| 307 | 52.2500 | 2.35000 | -0.902500 |
| 308 | 56.5000 | 2.35000 | -0.902500 |
| 309 | 60.7500 | 2.35000 | -0.902500 |
| 310 | 65.0000 | 2.35000 | -0.902500 |
| 311 | 69.0000 | 2.35000 | -0.902500 |
| 312 | 73.0000 | 2.35000 | -0.902500 |
| 313 | 77.0000 | 2.35000 | -0.902500 |
| 314 | 4.00000 | 8.90000 | -0.902500 |
| 315 | 8.00000 | 8.90000 | -0.902500 |
| 316 | 12.0000 | 8.90000 | -0.902500 |
| 317 | 16.0000 | 8.90000 | -0.902500 |
| 318 | 20.0000 | 8.90000 | -0.902500 |
| 319 | 24.0000 | 8.90000 | -0.902500 |
| 320 | 28.0000 | 8.90000 | -0.902500 |
| 321 | 32.0000 | 8.90000 | -0.902500 |
| 322 | 36.0000 | 8.90000 | -0.902500 |
| 323 | 44.0000 | 8.90000 | -0.902500 |
| 324 | 48.0000 | 8.90000 | -0.902500 |
| 325 | 52.2500 | 8.90000 | -0.902500 |
| 326 | 56.5000 | 8.90000 | -0.902500 |
| 327 | 60.7500 | 8.90000 | -0.902500 |
| 328 | 65.0000 | 8.90000 | -0.902500 |
| 329 | 69.0000 | 8.90000 | -0.902500 |
| 330 | 73.0000 | 8.90000 | -0.902500 |
| 331 | 77.0000 | 8.90000 | -0.902500 |
| 332 | 0.000000E+00 | 2.35000 | -0.775000 |

| | | | |
|---|---|---|---|
| 333 | 40.0000 | 2.35000 | -0.775000 |
| 334 | 81.0000 | 2.35000 | -0.775000 |
| 335 | 0.000000E+00 | 8.90000 | -0.775000 |
| 336 | 40.0000 | 8.90000 | -0.775000 |
| 337 | 81.0000 | 8.90000 | -0.775000 |
| 338 | 4.00000 | 2.35000 | -0.705000 |
| 339 | 8.00000 | 2.35000 | -0.705000 |
| 340 | 12.0000 | 2.35000 | -0.705000 |
| 341 | 16.0000 | 2.35000 | -0.705000 |
| 342 | 20.0000 | 2.35000 | -0.705000 |
| 343 | 24.0000 | 2.35000 | -0.705000 |
| 344 | 28.0000 | 2.35000 | -0.705000 |
| 345 | 32.0000 | 2.35000 | -0.705000 |
| 346 | 36.0000 | 2.35000 | -0.705000 |
| 347 | 44.0000 | 2.35000 | -0.705000 |
| 348 | 48.0000 | 2.35000 | -0.705000 |
| 349 | 52.2500 | 2.35000 | -0.705000 |
| 350 | 56.5000 | 2.35000 | -0.705000 |
| 351 | 60.7500 | 2.35000 | -0.705000 |
| 352 | 65.0000 | 2.35000 | -0.705000 |
| 353 | 69.0000 | 2.35000 | -0.705000 |
| 354 | 73.0000 | 2.35000 | -0.705000 |
| 355 | 77.0000 | 2.35000 | -0.705000 |
| 356 | 4.00000 | 8.90000 | -0.705000 |
| 357 | 8.00000 | 8.90000 | -0.705000 |
| 358 | 12.0000 | 8.90000 | -0.705000 |
| 359 | 16.0000 | 8.90000 | -0.705000 |
| 360 | 20.0000 | 8.90000 | -0.705000 |
| 361 | 24.0000 | 8.90000 | -0.705000 |
| 362 | 28.0000 | 8.90000 | -0.705000 |
| 363 | 32.0000 | 8.90000 | -0.705000 |
| 364 | 36.0000 | 8.90000 | -0.705000 |
| 365 | 44.0000 | 8.90000 | -0.705000 |
| 366 | 48.0000 | 8.90000 | -0.705000 |
| 367 | 52.2500 | 8.90000 | -0.705000 |
| 368 | 56.5000 | 8.90000 | -0.705000 |
| 369 | 60.7500 | 8.90000 | -0.705000 |
| 370 | 65.0000 | 8.90000 | -0.705000 |
| 371 | 69.0000 | 8.90000 | -0.705000 |
| 372 | 73.0000 | 8.90000 | -0.705000 |
| 373 | 77.0000 | 8.90000 | -0.705000 |
| 374 | 0.000000E+00 | 2.35000 | -0.450000 |
| 375 | 40.0000 | 2.35000 | -0.450000 |
| 376 | 81.0000 | 2.35000 | -0.450000 |
| 377 | 0.000000E+00 | 8.90000 | -0.450000 |
| 378 | 40.0000 | 8.90000 | -0.450000 |
| 379 | 81.0000 | 8.90000 | -0.450000 |
| 380 | 4.00000 | 2.35000 | -0.352500 |
| 381 | 8.00000 | 2.35000 | -0.352500 |
| 382 | 12.0000 | 2.35000 | -0.352500 |
| 383 | 16.0000 | 2.35000 | -0.352500 |
| 384 | 20.0000 | 2.35000 | -0.352500 |
| 385 | 24.0000 | 2.35000 | -0.352500 |
| 386 | 28.0000 | 2.35000 | -0.352500 |
| 387 | 32.0000 | 2.35000 | -0.352500 |
| 388 | 36.0000 | 2.35000 | -0.352500 |
| 389 | 44.0000 | 2.35000 | -0.352500 |
| 390 | 48.0000 | 2.35000 | -0.352500 |
| 391 | 52.2500 | 2.35000 | -0.352500 |
| 392 | 56.5000 | 2.35000 | -0.352500 |
| 393 | 60.7500 | 2.35000 | -0.352500 |
| 394 | 65.0000 | 2.35000 | -0.352500 |
| 395 | 69.0000 | 2.35000 | -0.352500 |
| 396 | 73.0000 | 2.35000 | -0.352500 |
| 397 | 77.0000 | 2.35000 | -0.352500 |
| 398 | 4.00000 | 8.90000 | -0.352500 |
| 399 | 8.00000 | 8.90000 | -0.352500 |
| 400 | 12.0000 | 8.90000 | -0.352500 |
| 401 | 16.0000 | 8.90000 | -0.352500 |
| 402 | 20.0000 | 8.90000 | -0.352500 |
| 403 | 24.0000 | 8.90000 | -0.352500 |
| 404 | 28.0000 | 8.90000 | -0.352500 |
| 405 | 32.0000 | 8.90000 | -0.352500 |

| | | | |
|---|---|---|---|
| 406 | 36.0000 | 8.90000 | -0.352500 |
| 407 | 44.0000 | 8.90000 | -0.352500 |
| 408 | 48.0000 | 8.90000 | -0.352500 |
| 409 | 52.2500 | 8.90000 | -0.352500 |
| 410 | 56.5000 | 8.90000 | -0.352500 |
| 411 | 60.7500 | 8.90000 | -0.352500 |
| 412 | 65.0000 | 8.90000 | -0.352500 |
| 413 | 69.0000 | 8.90000 | -0.352500 |
| 414 | 73.0000 | 8.90000 | -0.352500 |
| 415 | 77.0000 | 8.90000 | -0.352500 |
| 416 | 0.000000E+00 | 2.35000 | -0.225000 |
| 417 | 40.0000 | 2.35000 | -0.225000 |
| 418 | 81.0000 | 2.35000 | -0.225000 |
| 419 | 0.000000E+00 | 8.90000 | -0.225000 |
| 420 | 40.0000 | 8.90000 | -0.225000 |
| 421 | 81.0000 | 8.90000 | -0.225000 |
| 422 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 423 | 1.33333 | 0.000000E+00 | 0.000000E+00 |
| 424 | 2.66667 | 0.000000E+00 | 0.000000E+00 |
| 425 | 4.00000 | 0.000000E+00 | 0.000000E+00 |
| 426 | 5.33333 | 0.000000E+00 | 0.000000E+00 |
| 427 | 6.66667 | 0.000000E+00 | 0.000000E+00 |
| 428 | 8.00000 | 0.000000E+00 | 0.000000E+00 |
| 429 | 10.0000 | 0.000000E+00 | 0.000000E+00 |
| 430 | 12.0000 | 0.000000E+00 | 0.000000E+00 |
| 431 | 13.3333 | 0.000000E+00 | 0.000000E+00 |
| 432 | 14.6667 | 0.000000E+00 | 0.000000E+00 |
| 433 | 16.0000 | 0.000000E+00 | 0.000000E+00 |
| 434 | 17.3333 | 0.000000E+00 | 0.000000E+00 |
| 435 | 18.6667 | 0.000000E+00 | 0.000000E+00 |
| 436 | 20.0000 | 0.000000E+00 | 0.000000E+00 |
| 437 | 22.0000 | 0.000000E+00 | 0.000000E+00 |
| 438 | 24.0000 | 0.000000E+00 | 0.000000E+00 |
| 439 | 25.3333 | 0.000000E+00 | 0.000000E+00 |
| 440 | 26.6667 | 0.000000E+00 | 0.000000E+00 |
| 441 | 28.0000 | 0.000000E+00 | 0.000000E+00 |
| 442 | 29.3333 | 0.000000E+00 | 0.000000E+00 |
| 443 | 30.6667 | 0.000000E+00 | 0.000000E+00 |
| 444 | 32.0000 | 0.000000E+00 | 0.000000E+00 |
| 445 | 34.0000 | 0.000000E+00 | 0.000000E+00 |
| 446 | 36.0000 | 0.000000E+00 | 0.000000E+00 |
| 447 | 37.3333 | 0.000000E+00 | 0.000000E+00 |
| 448 | 38.6667 | 0.000000E+00 | 0.000000E+00 |
| 449 | 40.0000 | 0.000000E+00 | 0.000000E+00 |
| 450 | 41.3333 | 0.000000E+00 | 0.000000E+00 |
| 451 | 42.6667 | 0.000000E+00 | 0.000000E+00 |
| 452 | 44.0000 | 0.000000E+00 | 0.000000E+00 |
| 453 | 46.0000 | 0.000000E+00 | 0.000000E+00 |
| 454 | 48.0000 | 0.000000E+00 | 0.000000E+00 |
| 455 | 49.4167 | 0.000000E+00 | 0.000000E+00 |
| 456 | 50.8333 | 0.000000E+00 | 0.000000E+00 |
| 457 | 52.2500 | 0.000000E+00 | 0.000000E+00 |
| 458 | 53.6667 | 0.000000E+00 | 0.000000E+00 |
| 459 | 55.0833 | 0.000000E+00 | 0.000000E+00 |
| 460 | 56.5000 | 0.000000E+00 | 0.000000E+00 |
| 461 | 58.0000 | 0.000000E+00 | 0.000000E+00 |
| 462 | 59.3750 | 0.000000E+00 | 0.000000E+00 |
| 463 | 60.7500 | 0.000000E+00 | 0.000000E+00 |
| 464 | 62.1667 | 0.000000E+00 | 0.000000E+00 |
| 465 | 63.5833 | 0.000000E+00 | 0.000000E+00 |
| 466 | 65.0000 | 0.000000E+00 | 0.000000E+00 |
| 467 | 66.3333 | 0.000000E+00 | 0.000000E+00 |
| 468 | 67.6667 | 0.000000E+00 | 0.000000E+00 |
| 469 | 69.0000 | 0.000000E+00 | 0.000000E+00 |
| 470 | 70.0000 | 0.000000E+00 | 0.000000E+00 |
| 471 | 71.5000 | 0.000000E+00 | 0.000000E+00 |
| 472 | 73.0000 | 0.000000E+00 | 0.000000E+00 |
| 473 | 74.3333 | 0.000000E+00 | 0.000000E+00 |
| 474 | 75.6667 | 0.000000E+00 | 0.000000E+00 |
| 475 | 77.0000 | 0.000000E+00 | 0.000000E+00 |
| 476 | 78.3333 | 0.000000E+00 | 0.000000E+00 |
| 477 | 79.6667 | 0.000000E+00 | 0.000000E+00 |
| 478 | 81.0000 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 479 | 0.000000E+00 | 0.750000 | 0.000000E+00 |
| 480 | 1.33333 | 0.750000 | 0.000000E+00 |
| 481 | 2.66667 | 0.750000 | 0.000000E+00 |
| 482 | 4.00000 | 0.750000 | 0.000000E+00 |
| 483 | 5.33333 | 0.750000 | 0.000000E+00 |
| 484 | 6.66667 | 0.750000 | 0.000000E+00 |
| 485 | 8.00000 | 0.750000 | 0.000000E+00 |
| 486 | 10.0000 | 0.750000 | 0.000000E+00 |
| 487 | 12.0000 | 0.750000 | 0.000000E+00 |
| 488 | 13.3333 | 0.750000 | 0.000000E+00 |
| 489 | 14.6667 | 0.750000 | 0.000000E+00 |
| 490 | 16.0000 | 0.750000 | 0.000000E+00 |
| 491 | 17.3333 | 0.750000 | 0.000000E+00 |
| 492 | 18.6667 | 0.750000 | 0.000000E+00 |
| 493 | 20.0000 | 0.750000 | 0.000000E+00 |
| 494 | 22.0000 | 0.750000 | 0.000000E+00 |
| 495 | 24.0000 | 0.750000 | 0.000000E+00 |
| 496 | 25.3333 | 0.750000 | 0.000000E+00 |
| 497 | 26.6667 | 0.750000 | 0.000000E+00 |
| 498 | 28.0000 | 0.750000 | 0.000000E+00 |
| 499 | 29.3333 | 0.750000 | 0.000000E+00 |
| 500 | 30.6667 | 0.750000 | 0.000000E+00 |
| 501 | 32.0000 | 0.750000 | 0.000000E+00 |
| 502 | 34.0000 | 0.750000 | 0.000000E+00 |
| 503 | 36.0000 | 0.750000 | 0.000000E+00 |
| 504 | 37.3333 | 0.750000 | 0.000000E+00 |
| 505 | 38.6667 | 0.750000 | 0.000000E+00 |
| 506 | 40.0000 | 0.750000 | 0.000000E+00 |
| 507 | 41.3333 | 0.750000 | 0.000000E+00 |
| 508 | 42.6667 | 0.750000 | 0.000000E+00 |
| 509 | 44.0000 | 0.750000 | 0.000000E+00 |
| 510 | 46.0000 | 0.750000 | 0.000000E+00 |
| 511 | 48.0000 | 0.750000 | 0.000000E+00 |
| 512 | 49.4167 | 0.750000 | 0.000000E+00 |
| 513 | 50.8333 | 0.750000 | 0.000000E+00 |
| 514 | 52.2500 | 0.750000 | 0.000000E+00 |
| 515 | 53.6667 | 0.750000 | 0.000000E+00 |
| 516 | 55.0833 | 0.750000 | 0.000000E+00 |
| 517 | 56.5000 | 0.750000 | 0.000000E+00 |
| 518 | 58.0000 | 0.750000 | 0.000000E+00 |
| 519 | 59.3750 | 0.750000 | 0.000000E+00 |
| 520 | 60.7500 | 0.750000 | 0.000000E+00 |
| 521 | 62.1667 | 0.750000 | 0.000000E+00 |
| 522 | 63.5833 | 0.750000 | 0.000000E+00 |
| 523 | 65.0000 | 0.750000 | 0.000000E+00 |
| 524 | 66.3333 | 0.750000 | 0.000000E+00 |
| 525 | 67.6667 | 0.750000 | 0.000000E+00 |
| 526 | 69.0000 | 0.750000 | 0.000000E+00 |
| 527 | 70.0000 | 0.750000 | 0.000000E+00 |
| 528 | 71.5000 | 0.750000 | 0.000000E+00 |
| 529 | 73.0000 | 0.750000 | 0.000000E+00 |
| 530 | 74.3333 | 0.750000 | 0.000000E+00 |
| 531 | 75.6667 | 0.750000 | 0.000000E+00 |
| 532 | 77.0000 | 0.750000 | 0.000000E+00 |
| 533 | 78.3333 | 0.750000 | 0.000000E+00 |
| 534 | 79.6667 | 0.750000 | 0.000000E+00 |
| 535 | 81.0000 | 0.750000 | 0.000000E+00 |
| 536 | 0.000000E+00 | 2.35000 | 0.000000E+00 |
| 537 | 1.33333 | 2.35000 | 0.000000E+00 |
| 538 | 2.66667 | 2.35000 | 0.000000E+00 |
| 539 | 4.00000 | 2.35000 | 0.000000E+00 |
| 540 | 5.33333 | 2.35000 | 0.000000E+00 |
| 541 | 6.66667 | 2.35000 | 0.000000E+00 |
| 542 | 8.00000 | 2.35000 | 0.000000E+00 |
| 543 | 10.0000 | 2.35000 | 0.000000E+00 |
| 544 | 12.0000 | 2.35000 | 0.000000E+00 |
| 545 | 13.3333 | 2.35000 | 0.000000E+00 |
| 546 | 14.6667 | 2.35000 | 0.000000E+00 |
| 547 | 16.0000 | 2.35000 | 0.000000E+00 |
| 548 | 17.3333 | 2.35000 | 0.000000E+00 |
| 549 | 18.6667 | 2.35000 | 0.000000E+00 |
| 550 | 20.0000 | 2.35000 | 0.000000E+00 |
| 551 | 22.0000 | 2.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 552 | 24.0000 | 2.35000 | 0.000000E+00 |
| 553 | 25.3333 | 2.35000 | 0.000000E+00 |
| 554 | 26.6667 | 2.35000 | 0.000000E+00 |
| 555 | 28.0000 | 2.35000 | 0.000000E+00 |
| 556 | 29.3333 | 2.35000 | 0.000000E+00 |
| 557 | 30.6667 | 2.35000 | 0.000000E+00 |
| 558 | 32.0000 | 2.35000 | 0.000000E+00 |
| 559 | 34.0000 | 2.35000 | 0.000000E+00 |
| 560 | 36.0000 | 2.35000 | 0.000000E+00 |
| 561 | 37.3333 | 2.35000 | 0.000000E+00 |
| 562 | 38.6667 | 2.35000 | 0.000000E+00 |
| 563 | 40.0000 | 2.35000 | 0.000000E+00 |
| 564 | 41.3333 | 2.35000 | 0.000000E+00 |
| 565 | 42.6667 | 2.35000 | 0.000000E+00 |
| 566 | 44.0000 | 2.35000 | 0.000000E+00 |
| 567 | 46.0000 | 2.35000 | 0.000000E+00 |
| 568 | 48.0000 | 2.35000 | 0.000000E+00 |
| 569 | 49.4167 | 2.35000 | 0.000000E+00 |
| 570 | 50.8333 | 2.35000 | 0.000000E+00 |
| 571 | 52.2500 | 2.35000 | 0.000000E+00 |
| 572 | 53.6667 | 2.35000 | 0.000000E+00 |
| 573 | 55.0833 | 2.35000 | 0.000000E+00 |
| 574 | 56.5000 | 2.35000 | 0.000000E+00 |
| 575 | 58.0000 | 2.35000 | 0.000000E+00 |
| 576 | 59.3750 | 2.35000 | 0.000000E+00 |
| 577 | 60.7500 | 2.35000 | 0.000000E+00 |
| 578 | 62.1667 | 2.35000 | 0.000000E+00 |
| 579 | 63.5833 | 2.35000 | 0.000000E+00 |
| 580 | 65.0000 | 2.35000 | 0.000000E+00 |
| 581 | 66.3333 | 2.35000 | 0.000000E+00 |
| 582 | 67.6667 | 2.35000 | 0.000000E+00 |
| 583 | 69.0000 | 2.35000 | 0.000000E+00 |
| 584 | 70.0000 | 2.35000 | 0.000000E+00 |
| 585 | 71.5000 | 2.35000 | 0.000000E+00 |
| 586 | 73.0000 | 2.35000 | 0.000000E+00 |
| 587 | 74.3333 | 2.35000 | 0.000000E+00 |
| 588 | 75.6667 | 2.35000 | 0.000000E+00 |
| 589 | 77.0000 | 2.35000 | 0.000000E+00 |
| 590 | 78.3333 | 2.35000 | 0.000000E+00 |
| 591 | 79.6667 | 2.35000 | 0.000000E+00 |
| 592 | 81.0000 | 2.35000 | 0.000000E+00 |
| 593 | 0.000000E+00 | 3.98750 | 0.000000E+00 |
| 594 | 1.33333 | 3.98750 | 0.000000E+00 |
| 595 | 2.66667 | 3.98750 | 0.000000E+00 |
| 596 | 4.00000 | 3.98750 | -0.111022E-15 |
| 597 | 5.33333 | 3.98750 | 0.000000E+00 |
| 598 | 6.66667 | 3.98750 | 0.000000E+00 |
| 599 | 8.00000 | 3.98750 | 0.000000E+00 |
| 600 | 10.0000 | 3.98750 | 0.000000E+00 |
| 601 | 12.0000 | 3.98750 | 0.000000E+00 |
| 602 | 13.3333 | 3.98750 | 0.000000E+00 |
| 603 | 14.6667 | 3.98750 | 0.000000E+00 |
| 604 | 16.0000 | 3.98750 | 0.000000E+00 |
| 605 | 17.3333 | 3.98750 | -0.357931E-15 |
| 606 | 18.6667 | 3.98750 | -0.930621E-15 |
| 607 | 20.0000 | 3.98750 | -0.644276E-14 |
| 608 | 22.0000 | 3.98750 | 0.000000E+00 |
| 609 | 24.0000 | 3.98750 | 0.000000E+00 |
| 610 | 25.3333 | 3.98750 | 0.000000E+00 |
| 611 | 26.6667 | 3.98750 | 0.000000E+00 |
| 612 | 28.0000 | 3.98750 | 0.277556E-16 |
| 613 | 29.3333 | 3.98750 | 0.000000E+00 |
| 614 | 30.6667 | 3.98750 | 0.000000E+00 |
| 615 | 32.0000 | 3.98750 | 0.000000E+00 |
| 616 | 34.0000 | 3.98750 | 0.000000E+00 |
| 617 | 36.0000 | 3.98750 | 0.000000E+00 |
| 618 | 37.3333 | 3.98750 | 0.000000E+00 |
| 619 | 38.6667 | 3.98750 | 0.000000E+00 |
| 620 | 40.0000 | 3.98750 | 0.000000E+00 |
| 621 | 41.3333 | 3.98750 | 0.000000E+00 |
| 622 | 42.6667 | 3.98750 | 0.000000E+00 |
| 623 | 44.0000 | 3.98750 | 0.000000E+00 |
| 624 | 46.0000 | 3.98750 | 0.000000E+00 |

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|---|---|---|---|
| 625 | 48.0000 | 3.98750 | 0.000000E+00 |
| 626 | 49.4167 | 3.98750 | 0.000000E+00 |
| 627 | 50.8333 | 3.98750 | 0.000000E+00 |
| 628 | 52.2500 | 3.98750 | -0.154043E-13 |
| 629 | 53.6667 | 3.98750 | 0.000000E+00 |
| 630 | 55.0833 | 3.98750 | 0.000000E+00 |
| 631 | 56.5000 | 3.98750 | -0.147105E-14 |
| 632 | 58.0000 | 3.98750 | 0.000000E+00 |
| 633 | 59.3750 | 3.98750 | 0.000000E+00 |
| 634 | 60.7500 | 3.98750 | 0.000000E+00 |
| 635 | 62.1667 | 3.98750 | 0.000000E+00 |
| 636 | 63.5833 | 3.98750 | 0.000000E+00 |
| 637 | 65.0000 | 3.98750 | 0.000000E+00 |
| 638 | 66.3333 | 3.98750 | 0.000000E+00 |
| 639 | 67.6667 | 3.98750 | 0.000000E+00 |
| 640 | 69.0000 | 3.98750 | 0.334455E-14 |
| 641 | 70.0000 | 3.98750 | 0.000000E+00 |
| 642 | 71.5000 | 3.98750 | 0.000000E+00 |
| 643 | 73.0000 | 3.98750 | 0.000000E+00 |
| 644 | 74.3333 | 3.98750 | 0.000000E+00 |
| 645 | 75.6667 | 3.98750 | 0.000000E+00 |
| 646 | 77.0000 | 3.98750 | 0.277556E-16 |
| 647 | 78.3333 | 3.98750 | 0.000000E+00 |
| 648 | 79.6667 | 3.98750 | 0.000000E+00 |
| 649 | 81.0000 | 3.98750 | 0.000000E+00 |
| 650 | 0.000000E+00 | 5.62500 | 0.000000E+00 |
| 651 | 1.33333 | 5.62500 | 0.000000E+00 |
| 652 | 2.66667 | 5.62500 | 0.000000E+00 |
| 653 | 4.00000 | 5.62500 | 0.000000E+00 |
| 654 | 5.33333 | 5.62500 | 0.000000E+00 |
| 655 | 6.66667 | 5.62500 | 0.000000E+00 |
| 656 | 8.00000 | 5.62500 | 0.000000E+00 |
| 657 | 10.0000 | 5.62500 | 0.000000E+00 |
| 658 | 12.0000 | 5.62500 | 0.000000E+00 |
| 659 | 13.3333 | 5.62500 | 0.000000E+00 |
| 660 | 14.6667 | 5.62500 | 0.000000E+00 |
| 661 | 16.0000 | 5.62500 | 0.000000E+00 |
| 662 | 17.3333 | 5.62500 | 0.000000E+00 |
| 663 | 18.6667 | 5.62500 | 0.000000E+00 |
| 664 | 20.0000 | 5.62500 | 0.000000E+00 |
| 665 | 22.0000 | 5.62500 | 0.000000E+00 |
| 666 | 24.0000 | 5.62500 | 0.000000E+00 |
| 667 | 25.3333 | 5.62500 | 0.000000E+00 |
| 668 | 26.6667 | 5.62500 | 0.000000E+00 |
| 669 | 28.0000 | 5.62500 | 0.000000E+00 |
| 670 | 29.3333 | 5.62500 | 0.000000E+00 |
| 671 | 30.6667 | 5.62500 | 0.000000E+00 |
| 672 | 32.0000 | 5.62500 | 0.000000E+00 |
| 673 | 34.0000 | 5.62500 | 0.000000E+00 |
| 674 | 36.0000 | 5.62500 | 0.000000E+00 |
| 675 | 37.3333 | 5.62500 | 0.000000E+00 |
| 676 | 38.6667 | 5.62500 | 0.000000E+00 |
| 677 | 40.0000 | 5.62500 | 0.000000E+00 |
| 678 | 41.3333 | 5.62500 | 0.000000E+00 |
| 679 | 42.6667 | 5.62500 | 0.000000E+00 |
| 680 | 44.0000 | 5.62500 | 0.000000E+00 |
| 681 | 46.0000 | 5.62500 | 0.000000E+00 |
| 682 | 48.0000 | 5.62500 | 0.000000E+00 |
| 683 | 49.4167 | 5.62500 | 0.000000E+00 |
| 684 | 50.8333 | 5.62500 | 0.000000E+00 |
| 685 | 52.2500 | 5.62500 | 0.000000E+00 |
| 686 | 53.6667 | 5.62500 | 0.000000E+00 |
| 687 | 55.0833 | 5.62500 | 0.000000E+00 |
| 688 | 56.5000 | 5.62500 | 0.000000E+00 |
| 689 | 58.0000 | 5.62500 | 0.000000E+00 |
| 690 | 59.3750 | 5.62500 | 0.000000E+00 |
| 691 | 60.7500 | 5.62500 | 0.000000E+00 |
| 692 | 62.1667 | 5.62500 | 0.000000E+00 |
| 693 | 63.5833 | 5.62500 | 0.000000E+00 |
| 694 | 65.0000 | 5.62500 | 0.000000E+00 |
| 695 | 66.3333 | 5.62500 | 0.000000E+00 |
| 696 | 67.6667 | 5.62500 | 0.000000E+00 |
| 697 | 69.0000 | 5.62500 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 698 | 70.0000 | 5.62500 | 0.000000E+00 |
| 699 | 71.5000 | 5.62500 | 0.000000E+00 |
| 700 | 73.0000 | 5.62500 | 0.000000E+00 |
| 701 | 74.3333 | 5.62500 | 0.000000E+00 |
| 702 | 75.6667 | 5.62500 | 0.000000E+00 |
| 703 | 77.0000 | 5.62500 | 0.000000E+00 |
| 704 | 78.3333 | 5.62500 | 0.000000E+00 |
| 705 | 79.6667 | 5.62500 | 0.000000E+00 |
| 706 | 81.0000 | 5.62500 | 0.000000E+00 |
| 707 | 0.000000E+00 | 7.26250 | 0.000000E+00 |
| 708 | 1.33333 | 7.26250 | 0.000000E+00 |
| 709 | 2.66667 | 7.26250 | 0.000000E+00 |
| 710 | 4.00000 | 7.26250 | -0.971445E-16 |
| 711 | 5.33333 | 7.26250 | 0.000000E+00 |
| 712 | 6.66667 | 7.26250 | 0.000000E+00 |
| 713 | 8.00000 | 7.26250 | 0.000000E+00 |
| 714 | 10.0000 | 7.26250 | 0.000000E+00 |
| 715 | 12.0000 | 7.26250 | 0.000000E+00 |
| 716 | 13.3333 | 7.26250 | 0.000000E+00 |
| 717 | 14.6667 | 7.26250 | 0.000000E+00 |
| 718 | 16.0000 | 7.26250 | 0.000000E+00 |
| 719 | 17.3333 | 7.26250 | 0.000000E+00 |
| 720 | 18.6667 | 7.26250 | 0.000000E+00 |
| 721 | 20.0000 | 7.26250 | 0.000000E+00 |
| 722 | 22.0000 | 7.26250 | 0.000000E+00 |
| 723 | 24.0000 | 7.26250 | 0.000000E+00 |
| 724 | 25.3333 | 7.26250 | 0.000000E+00 |
| 725 | 26.6667 | 7.26250 | 0.000000E+00 |
| 726 | 28.0000 | 7.26250 | 0.000000E+00 |
| 727 | 29.3333 | 7.26250 | 0.000000E+00 |
| 728 | 30.6667 | 7.26250 | 0.000000E+00 |
| 729 | 32.0000 | 7.26250 | 0.000000E+00 |
| 730 | 34.0000 | 7.26250 | 0.000000E+00 |
| 731 | 36.0000 | 7.26250 | 0.000000E+00 |
| 732 | 37.3333 | 7.26250 | 0.000000E+00 |
| 733 | 38.6667 | 7.26250 | 0.000000E+00 |
| 734 | 40.0000 | 7.26250 | 0.000000E+00 |
| 735 | 41.3333 | 7.26250 | 0.000000E+00 |
| 736 | 42.6667 | 7.26250 | 0.000000E+00 |
| 737 | 44.0000 | 7.26250 | 0.000000E+00 |
| 738 | 46.0000 | 7.26250 | 0.000000E+00 |
| 739 | 48.0000 | 7.26250 | 0.000000E+00 |
| 740 | 49.4167 | 7.26250 | 0.000000E+00 |
| 741 | 50.8333 | 7.26250 | 0.000000E+00 |
| 742 | 52.2500 | 7.26250 | 0.000000E+00 |
| 743 | 53.6667 | 7.26250 | 0.000000E+00 |
| 744 | 55.0833 | 7.26250 | 0.000000E+00 |
| 745 | 56.5000 | 7.26250 | 0.288658E-14 |
| 746 | 58.0000 | 7.26250 | 0.000000E+00 |
| 747 | 59.3750 | 7.26250 | 0.000000E+00 |
| 748 | 60.7500 | 7.26250 | 0.000000E+00 |
| 749 | 62.1667 | 7.26250 | 0.000000E+00 |
| 750 | 63.5833 | 7.26250 | 0.000000E+00 |
| 751 | 65.0000 | 7.26250 | 0.000000E+00 |
| 752 | 66.3333 | 7.26250 | 0.000000E+00 |
| 753 | 67.6667 | 7.26250 | 0.000000E+00 |
| 754 | 69.0000 | 7.26250 | 0.399680E-14 |
| 755 | 70.0000 | 7.26250 | 0.000000E+00 |
| 756 | 71.5000 | 7.26250 | 0.000000E+00 |
| 757 | 73.0000 | 7.26250 | 0.000000E+00 |
| 758 | 74.3333 | 7.26250 | 0.000000E+00 |
| 759 | 75.6667 | 7.26250 | 0.000000E+00 |
| 760 | 77.0000 | 7.26250 | 0.000000E+00 |
| 761 | 78.3333 | 7.26250 | 0.000000E+00 |
| 762 | 79.6667 | 7.26250 | 0.000000E+00 |
| 763 | 81.0000 | 7.26250 | 0.000000E+00 |
| 764 | 0.000000E+00 | 8.90000 | 0.000000E+00 |
| 765 | 1.33333 | 8.90000 | 0.000000E+00 |
| 766 | 2.66667 | 8.90000 | 0.000000E+00 |
| 767 | 4.00000 | 8.90000 | 0.000000E+00 |
| 768 | 5.33333 | 8.90000 | 0.000000E+00 |
| 769 | 6.66667 | 8.90000 | 0.000000E+00 |
| 770 | 8.00000 | 8.90000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 771 | 10.0000 | 8.90000 | 0.000000E+00 |
| 772 | 12.0000 | 8.90000 | 0.000000E+00 |
| 773 | 13.3333 | 8.90000 | 0.000000E+00 |
| 774 | 14.6667 | 8.90000 | 0.000000E+00 |
| 775 | 16.0000 | 8.90000 | 0.000000E+00 |
| 776 | 17.3333 | 8.90000 | 0.000000E+00 |
| 777 | 18.6667 | 8.90000 | 0.000000E+00 |
| 778 | 20.0000 | 8.90000 | 0.000000E+00 |
| 779 | 22.0000 | 8.90000 | 0.000000E+00 |
| 780 | 24.0000 | 8.90000 | 0.000000E+00 |
| 781 | 25.3333 | 8.90000 | 0.000000E+00 |
| 782 | 26.6667 | 8.90000 | 0.000000E+00 |
| 783 | 28.0000 | 8.90000 | 0.000000E+00 |
| 784 | 29.3333 | 8.90000 | 0.000000E+00 |
| 785 | 30.6667 | 8.90000 | 0.000000E+00 |
| 786 | 32.0000 | 8.90000 | 0.000000E+00 |
| 787 | 34.0000 | 8.90000 | 0.000000E+00 |
| 788 | 36.0000 | 8.90000 | 0.000000E+00 |
| 789 | 37.3333 | 8.90000 | 0.000000E+00 |
| 790 | 38.6667 | 8.90000 | 0.000000E+00 |
| 791 | 40.0000 | 8.90000 | 0.000000E+00 |
| 792 | 41.3333 | 8.90000 | 0.000000E+00 |
| 793 | 42.6667 | 8.90000 | 0.000000E+00 |
| 794 | 44.0000 | 8.90000 | 0.000000E+00 |
| 795 | 46.0000 | 8.90000 | 0.000000E+00 |
| 796 | 48.0000 | 8.90000 | 0.000000E+00 |
| 797 | 49.4167 | 8.90000 | 0.000000E+00 |
| 798 | 50.8333 | 8.90000 | 0.000000E+00 |
| 799 | 52.2500 | 8.90000 | 0.000000E+00 |
| 800 | 53.6667 | 8.90000 | 0.000000E+00 |
| 801 | 55.0833 | 8.90000 | 0.000000E+00 |
| 802 | 56.5000 | 8.90000 | 0.000000E+00 |
| 803 | 58.0000 | 8.90000 | 0.000000E+00 |
| 804 | 59.3750 | 8.90000 | 0.000000E+00 |
| 805 | 60.7500 | 8.90000 | 0.000000E+00 |
| 806 | 62.1667 | 8.90000 | 0.000000E+00 |
| 807 | 63.5833 | 8.90000 | 0.000000E+00 |
| 808 | 65.0000 | 8.90000 | 0.000000E+00 |
| 809 | 66.3333 | 8.90000 | 0.000000E+00 |
| 810 | 67.6667 | 8.90000 | 0.000000E+00 |
| 811 | 69.0000 | 8.90000 | 0.000000E+00 |
| 812 | 70.0000 | 8.90000 | 0.000000E+00 |
| 813 | 71.5000 | 8.90000 | 0.000000E+00 |
| 814 | 73.0000 | 8.90000 | 0.000000E+00 |
| 815 | 74.3333 | 8.90000 | 0.000000E+00 |
| 816 | 75.6667 | 8.90000 | 0.000000E+00 |
| 817 | 77.0000 | 8.90000 | 0.000000E+00 |
| 818 | 78.3333 | 8.90000 | 0.000000E+00 |
| 819 | 79.6667 | 8.90000 | 0.000000E+00 |
| 820 | 81.0000 | 8.90000 | 0.000000E+00 |
| 821 | 0.000000E+00 | 10.5000 | 0.000000E+00 |
| 822 | 1.33333 | 10.5000 | 0.000000E+00 |
| 823 | 2.66667 | 10.5000 | 0.000000E+00 |
| 824 | 4.00000 | 10.5000 | 0.000000E+00 |
| 825 | 5.33333 | 10.5000 | 0.000000E+00 |
| 826 | 6.66667 | 10.5000 | 0.000000E+00 |
| 827 | 8.00000 | 10.5000 | 0.000000E+00 |
| 828 | 10.0000 | 10.5000 | 0.000000E+00 |
| 829 | 12.0000 | 10.5000 | 0.000000E+00 |
| 830 | 13.3333 | 10.5000 | 0.000000E+00 |
| 831 | 14.6667 | 10.5000 | 0.000000E+00 |
| 832 | 16.0000 | 10.5000 | 0.000000E+00 |
| 833 | 17.3333 | 10.5000 | 0.000000E+00 |
| 834 | 18.6667 | 10.5000 | 0.000000E+00 |
| 835 | 20.0000 | 10.5000 | 0.000000E+00 |
| 836 | 22.0000 | 10.5000 | 0.000000E+00 |
| 837 | 24.0000 | 10.5000 | 0.000000E+00 |
| 838 | 25.3333 | 10.5000 | 0.000000E+00 |
| 839 | 26.6667 | 10.5000 | 0.000000E+00 |
| 840 | 28.0000 | 10.5000 | 0.000000E+00 |
| 841 | 29.3333 | 10.5000 | 0.000000E+00 |
| 842 | 30.6667 | 10.5000 | 0.000000E+00 |
| 843 | 32.0000 | 10.5000 | 0.000000E+00 |

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|---|---|---|---|
| 844 | 34.0000 | 10.5000 | 0.000000E+00 |
| 845 | 36.0000 | 10.5000 | 0.000000E+00 |
| 846 | 37.3333 | 10.5000 | 0.000000E+00 |
| 847 | 38.6667 | 10.5000 | 0.000000E+00 |
| 848 | 40.0000 | 10.5000 | 0.000000E+00 |
| 849 | 41.3333 | 10.5000 | 0.000000E+00 |
| 850 | 42.6667 | 10.5000 | 0.000000E+00 |
| 851 | 44.0000 | 10.5000 | 0.000000E+00 |
| 852 | 46.0000 | 10.5000 | 0.000000E+00 |
| 853 | 48.0000 | 10.5000 | 0.000000E+00 |
| 854 | 49.4167 | 10.5000 | 0.000000E+00 |
| 855 | 50.8333 | 10.5000 | 0.000000E+00 |
| 856 | 52.2500 | 10.5000 | 0.000000E+00 |
| 857 | 53.6667 | 10.5000 | 0.000000E+00 |
| 858 | 55.0833 | 10.5000 | 0.000000E+00 |
| 859 | 56.5000 | 10.5000 | 0.000000E+00 |
| 860 | 58.0000 | 10.5000 | 0.000000E+00 |
| 861 | 59.3750 | 10.5000 | 0.000000E+00 |
| 862 | 60.7500 | 10.5000 | 0.000000E+00 |
| 863 | 62.1667 | 10.5000 | 0.000000E+00 |
| 864 | 63.5833 | 10.5000 | 0.000000E+00 |
| 865 | 65.0000 | 10.5000 | 0.000000E+00 |
| 866 | 66.3333 | 10.5000 | 0.000000E+00 |
| 867 | 67.6667 | 10.5000 | 0.000000E+00 |
| 868 | 69.0000 | 10.5000 | 0.000000E+00 |
| 869 | 70.0000 | 10.5000 | 0.000000E+00 |
| 870 | 71.5000 | 10.5000 | 0.000000E+00 |
| 871 | 73.0000 | 10.5000 | 0.000000E+00 |
| 872 | 74.3333 | 10.5000 | 0.000000E+00 |
| 873 | 75.6667 | 10.5000 | 0.000000E+00 |
| 874 | 77.0000 | 10.5000 | 0.000000E+00 |
| 875 | 78.3333 | 10.5000 | 0.000000E+00 |
| 876 | 79.6667 | 10.5000 | 0.000000E+00 |
| 877 | 81.0000 | 10.5000 | 0.000000E+00 |
| 878 | 0.000000E+00 | 11.2500 | 0.000000E+00 |
| 879 | 1.33333 | 11.2500 | 0.000000E+00 |
| 880 | 2.66667 | 11.2500 | 0.000000E+00 |
| 881 | 4.00000 | 11.2500 | 0.000000E+00 |
| 882 | 5.33333 | 11.2500 | 0.000000E+00 |
| 883 | 6.66667 | 11.2500 | 0.000000E+00 |
| 884 | 8.00000 | 11.2500 | 0.000000E+00 |
| 885 | 10.0000 | 11.2500 | 0.000000E+00 |
| 886 | 12.0000 | 11.2500 | 0.000000E+00 |
| 887 | 13.3333 | 11.2500 | 0.000000E+00 |
| 888 | 14.6667 | 11.2500 | 0.000000E+00 |
| 889 | 16.0000 | 11.2500 | 0.000000E+00 |
| 890 | 17.3333 | 11.2500 | 0.000000E+00 |
| 891 | 18.6667 | 11.2500 | 0.000000E+00 |
| 892 | 20.0000 | 11.2500 | 0.000000E+00 |
| 893 | 22.0000 | 11.2500 | 0.000000E+00 |
| 894 | 24.0000 | 11.2500 | 0.000000E+00 |
| 895 | 25.3333 | 11.2500 | 0.000000E+00 |
| 896 | 26.6667 | 11.2500 | 0.000000E+00 |
| 897 | 28.0000 | 11.2500 | 0.000000E+00 |
| 898 | 29.3333 | 11.2500 | 0.000000E+00 |
| 899 | 30.6667 | 11.2500 | 0.000000E+00 |
| 900 | 32.0000 | 11.2500 | 0.000000E+00 |
| 901 | 34.0000 | 11.2500 | 0.000000E+00 |
| 902 | 36.0000 | 11.2500 | 0.000000E+00 |
| 903 | 37.3333 | 11.2500 | 0.000000E+00 |
| 904 | 38.6667 | 11.2500 | 0.000000E+00 |
| 905 | 40.0000 | 11.2500 | 0.000000E+00 |
| 906 | 41.3333 | 11.2500 | 0.000000E+00 |
| 907 | 42.6667 | 11.2500 | 0.000000E+00 |
| 908 | 44.0000 | 11.2500 | 0.000000E+00 |
| 909 | 46.0000 | 11.2500 | 0.000000E+00 |
| 910 | 48.0000 | 11.2500 | 0.000000E+00 |
| 911 | 49.4167 | 11.2500 | 0.000000E+00 |
| 912 | 50.8333 | 11.2500 | 0.000000E+00 |
| 913 | 52.2500 | 11.2500 | 0.000000E+00 |
| 914 | 53.6667 | 11.2500 | 0.000000E+00 |
| 915 | 55.0833 | 11.2500 | 0.000000E+00 |
| 916 | 56.5000 | 11.2500 | 0.000000E+00 |

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|---|---|---|---|
| 917 | 58.0000 | 11.2500 | 0.000000E+00 |
| 918 | 59.3750 | 11.2500 | 0.000000E+00 |
| 919 | 60.7500 | 11.2500 | 0.000000E+00 |
| 920 | 62.1667 | 11.2500 | 0.000000E+00 |
| 921 | 63.5833 | 11.2500 | 0.000000E+00 |
| 922 | 65.0000 | 11.2500 | 0.000000E+00 |
| 923 | 66.3333 | 11.2500 | 0.000000E+00 |
| 924 | 67.6667 | 11.2500 | 0.000000E+00 |
| 925 | 69.0000 | 11.2500 | 0.000000E+00 |
| 926 | 70.0000 | 11.2500 | 0.000000E+00 |
| 927 | 71.5000 | 11.2500 | 0.000000E+00 |
| 928 | 73.0000 | 11.2500 | 0.000000E+00 |
| 929 | 74.3333 | 11.2500 | 0.000000E+00 |
| 930 | 75.6667 | 11.2500 | 0.000000E+00 |
| 931 | 77.0000 | 11.2500 | 0.000000E+00 |
| 932 | 78.3333 | 11.2500 | 0.000000E+00 |
| 933 | 79.6667 | 11.2500 | 0.000000E+00 |
| 934 | 81.0000 | 11.2500 | 0.000000E+00 |
| 935 | 8.00000 | 3.35000 | 0.000000E+00 |
| 936 | 22.0000 | 3.35000 | 0.000000E+00 |
| 937 | 32.0000 | 3.35000 | 0.000000E+00 |
| 938 | 46.0000 | 3.35000 | 0.000000E+00 |
| 939 | 70.0000 | 3.35000 | 0.000000E+00 |
| 940 | 71.5000 | 3.35000 | 0.000000E+00 |
| 941 | 8.00000 | 9.90000 | 0.000000E+00 |
| 942 | 22.0000 | 9.90000 | 0.000000E+00 |
| 943 | 32.0000 | 9.90000 | 0.000000E+00 |
| 944 | 46.0000 | 9.90000 | 0.000000E+00 |
| 945 | 70.0000 | 9.90000 | 0.000000E+00 |
| 946 | 71.5000 | 9.90000 | 0.000000E+00 |
| 947 | 56.5000 | 3.35000 | 0.000000E+00 |
| 948 | 56.5000 | 9.90000 | 0.000000E+00 |
| 949 | 0.000000E+00 | 3.35000 | 0.000000E+00 |
| 950 | 1.33333 | 3.35000 | 0.000000E+00 |
| 951 | 2.66667 | 3.35000 | 0.000000E+00 |
| 952 | 4.00000 | 3.35000 | 0.000000E+00 |
| 953 | 5.33333 | 3.35000 | 0.000000E+00 |
| 954 | 6.66667 | 3.35000 | 0.000000E+00 |
| 955 | 0.000000E+00 | 9.90000 | 0.000000E+00 |
| 956 | 1.33333 | 9.90000 | 0.000000E+00 |
| 957 | 2.66667 | 9.90000 | 0.000000E+00 |
| 958 | 4.00000 | 9.90000 | 0.000000E+00 |
| 959 | 5.33333 | 9.90000 | 0.000000E+00 |
| 960 | 6.66667 | 9.90000 | 0.000000E+00 |
| 961 | 10.0000 | 3.35000 | 0.000000E+00 |
| 962 | 12.0000 | 3.35000 | 0.000000E+00 |
| 963 | 13.3333 | 3.35000 | 0.000000E+00 |
| 964 | 14.6667 | 3.35000 | 0.000000E+00 |
| 965 | 10.0000 | 9.90000 | 0.000000E+00 |
| 966 | 12.0000 | 9.90000 | 0.000000E+00 |
| 967 | 13.3333 | 9.90000 | 0.000000E+00 |
| 968 | 14.6667 | 9.90000 | 0.000000E+00 |
| 969 | 16.0000 | 3.35000 | 0.000000E+00 |
| 970 | 17.3333 | 3.35000 | 0.000000E+00 |
| 971 | 18.6667 | 3.35000 | 0.000000E+00 |
| 972 | 20.0000 | 3.35000 | 0.000000E+00 |
| 973 | 16.0000 | 9.90000 | 0.000000E+00 |
| 974 | 17.3333 | 9.90000 | 0.000000E+00 |
| 975 | 18.6667 | 9.90000 | 0.000000E+00 |
| 976 | 20.0000 | 9.90000 | 0.000000E+00 |
| 977 | 24.0000 | 3.35000 | 0.000000E+00 |
| 978 | 25.3333 | 3.35000 | 0.000000E+00 |
| 979 | 26.6667 | 3.35000 | 0.000000E+00 |
| 980 | 28.0000 | 3.35000 | 0.000000E+00 |
| 981 | 29.3333 | 3.35000 | 0.000000E+00 |
| 982 | 30.6667 | 3.35000 | 0.000000E+00 |
| 983 | 24.0000 | 9.90000 | 0.000000E+00 |
| 984 | 25.3333 | 9.90000 | 0.000000E+00 |
| 985 | 26.6667 | 9.90000 | 0.000000E+00 |
| 986 | 28.0000 | 9.90000 | 0.000000E+00 |
| 987 | 29.3333 | 9.90000 | 0.000000E+00 |
| 988 | 30.6667 | 9.90000 | 0.000000E+00 |
| 989 | 34.0000 | 3.35000 | 0.000000E+00 |

| | | | |
|---|---|---|---|
| 990 | 36.0000 | 3.35000 | 0.000000E+00 |
| 991 | 37.3333 | 3.35000 | 0.000000E+00 |
| 992 | 38.6667 | 3.35000 | 0.000000E+00 |
| 993 | 34.0000 | 9.90000 | 0.000000E+00 |
| 994 | 36.0000 | 9.90000 | 0.000000E+00 |
| 995 | 37.3333 | 9.90000 | 0.000000E+00 |
| 996 | 38.6667 | 9.90000 | 0.000000E+00 |
| 997 | 40.0000 | 3.35000 | 0.000000E+00 |
| 998 | 41.3333 | 3.35000 | 0.000000E+00 |
| 999 | 42.6667 | 3.35000 | 0.000000E+00 |
| 1000 | 44.0000 | 3.35000 | 0.000000E+00 |
| 1001 | 40.0000 | 9.90000 | 0.000000E+00 |
| 1002 | 41.3333 | 9.90000 | 0.000000E+00 |
| 1003 | 42.6667 | 9.90000 | 0.000000E+00 |
| 1004 | 44.0000 | 9.90000 | 0.000000E+00 |
| 1005 | 48.0000 | 3.35000 | 0.000000E+00 |
| 1006 | 49.4167 | 3.35000 | 0.000000E+00 |
| 1007 | 50.8333 | 3.35000 | 0.000000E+00 |
| 1008 | 52.2500 | 3.35000 | 0.000000E+00 |
| 1009 | 53.6667 | 3.35000 | 0.000000E+00 |
| 1010 | 55.0833 | 3.35000 | 0.000000E+00 |
| 1011 | 48.0000 | 9.90000 | 0.000000E+00 |
| 1012 | 49.4167 | 9.90000 | 0.000000E+00 |
| 1013 | 50.8333 | 9.90000 | 0.000000E+00 |
| 1014 | 52.2500 | 9.90000 | 0.000000E+00 |
| 1015 | 53.6667 | 9.90000 | 0.000000E+00 |
| 1016 | 55.0833 | 9.90000 | 0.000000E+00 |
| 1017 | 58.0000 | 3.35000 | 0.000000E+00 |
| 1018 | 59.3750 | 3.35000 | 0.000000E+00 |
| 1019 | 60.7500 | 3.35000 | 0.000000E+00 |
| 1020 | 62.1667 | 3.35000 | 0.000000E+00 |
| 1021 | 63.5833 | 3.35000 | 0.000000E+00 |
| 1022 | 58.0000 | 9.90000 | 0.000000E+00 |
| 1023 | 59.3750 | 9.90000 | 0.000000E+00 |
| 1024 | 60.7500 | 9.90000 | 0.000000E+00 |
| 1025 | 62.1667 | 9.90000 | 0.000000E+00 |
| 1026 | 63.5833 | 9.90000 | 0.000000E+00 |
| 1027 | 65.0000 | 3.35000 | 0.000000E+00 |
| 1028 | 66.3333 | 3.35000 | 0.000000E+00 |
| 1029 | 67.6667 | 3.35000 | 0.000000E+00 |
| 1030 | 69.0000 | 3.35000 | 0.000000E+00 |
| 1031 | 65.0000 | 9.90000 | 0.000000E+00 |
| 1032 | 66.3333 | 9.90000 | 0.000000E+00 |
| 1033 | 67.6667 | 9.90000 | 0.000000E+00 |
| 1034 | 69.0000 | 9.90000 | 0.000000E+00 |
| 1035 | 73.0000 | 3.35000 | 0.000000E+00 |
| 1036 | 74.3333 | 3.35000 | 0.000000E+00 |
| 1037 | 75.6667 | 3.35000 | 0.000000E+00 |
| 1038 | 77.0000 | 3.35000 | 0.000000E+00 |
| 1039 | 78.3333 | 3.35000 | 0.000000E+00 |
| 1040 | 79.6667 | 3.35000 | 0.000000E+00 |
| 1041 | 73.0000 | 9.90000 | 0.000000E+00 |
| 1042 | 74.3333 | 9.90000 | 0.000000E+00 |
| 1043 | 75.6667 | 9.90000 | 0.000000E+00 |
| 1044 | 77.0000 | 9.90000 | 0.000000E+00 |
| 1045 | 78.3333 | 9.90000 | 0.000000E+00 |
| 1046 | 79.6667 | 9.90000 | 0.000000E+00 |
| 1047 | -1.00000 | 2.35000 | -1.10000 |
| 1048 | -1.00000 | 3.98750 | -1.10000 |
| 1049 | -1.00000 | 5.62500 | -1.10000 |
| 1050 | -1.00000 | 7.26250 | -1.10000 |
| 1051 | 7.00000 | 2.35000 | -1.10000 |
| 1052 | 7.00000 | 3.98750 | -1.10000 |
| 1053 | 7.00000 | 5.62500 | -1.10000 |
| 1054 | 7.00000 | 7.26250 | -1.10000 |
| 1055 | 15.0000 | 2.35000 | -1.10000 |
| 1056 | 15.0000 | 3.98750 | -1.10000 |
| 1057 | 15.0000 | 5.62500 | -1.10000 |
| 1058 | 15.0000 | 7.26250 | -1.10000 |
| 1059 | 23.0000 | 2.35000 | -1.10000 |
| 1060 | 23.0000 | 3.98750 | -1.10000 |
| 1061 | 23.0000 | 5.62500 | -1.10000 |
| 1062 | 23.0000 | 7.26250 | -1.10000 |

| | | | |
|---|---|---|---|
| 1063 | 31.0000 | 2.35000 | -1.10000 |
| 1064 | 31.0000 | 3.98750 | -1.10000 |
| 1065 | 31.0000 | 5.62500 | -1.10000 |
| 1066 | 31.0000 | 7.26250 | -1.10000 |
| 1067 | 39.0000 | 2.35000 | -1.10000 |
| 1068 | 39.0000 | 3.98750 | -1.10000 |
| 1069 | 39.0000 | 5.62500 | -1.10000 |
| 1070 | 39.0000 | 7.26250 | -1.10000 |
| 1071 | 47.0000 | 2.35000 | -1.10000 |
| 1072 | 47.0000 | 3.98750 | -1.10000 |
| 1073 | 47.0000 | 5.62500 | -1.10000 |
| 1074 | 47.0000 | 7.26250 | -1.10000 |
| 1075 | 55.5000 | 2.35000 | -1.10000 |
| 1076 | 55.5000 | 3.98750 | -1.10000 |
| 1077 | 55.5000 | 5.62500 | -1.10000 |
| 1078 | 55.5000 | 7.26250 | -1.10000 |
| 1079 | 64.0000 | 2.35000 | -1.10000 |
| 1080 | 64.0000 | 3.98750 | -1.10000 |
| 1081 | 64.0000 | 5.62500 | -1.10000 |
| 1082 | 64.0000 | 7.26250 | -1.10000 |
| 1083 | 72.0000 | 2.35000 | -1.10000 |
| 1084 | 72.0000 | 3.98750 | -1.10000 |
| 1085 | 72.0000 | 5.62500 | -1.10000 |
| 1086 | 72.0000 | 7.26250 | -1.10000 |
| 1087 | 80.0000 | 2.35000 | -1.10000 |
| 1088 | 80.0000 | 3.98750 | -1.10000 |
| 1089 | 80.0000 | 5.62500 | -1.10000 |
| 1090 | 80.0000 | 7.26250 | -1.10000 |
| 1091 | 41.0917 | 8.90000 | -2.80000 |
| 1092 | 41.0917 | 5.62500 | -2.80000 |
| 1093 | 40.0000 | 4.62500 | -6.80000 |
| 1094 | 40.0000 | 4.62500 | -5.46667 |
| 1095 | 40.0000 | 4.62500 | -4.13333 |
| 1096 | 40.0000 | 4.62500 | -8.60000 |
| 1097 | 40.0000 | 9.90000 | -2.30000 |
| 1098 | 40.0000 | 3.35000 | -2.30000 |
| 1099 | 79.9083 | 5.62500 | -2.80000 |
| 1100 | 81.0000 | 7.90000 | -2.80000 |
| 1101 | 81.0000 | 3.35000 | -2.30000 |
| 1102 | 79.9083 | 2.35000 | -2.80000 |
| 1103 | -1.09167 | 5.62500 | -2.80000 |
| 1104 | 0.000000E+00 | 7.90000 | -2.80000 |
| 1105 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1106 | -1.09167 | 2.35000 | -2.80000 |
| 1107 | 1.00000 | 8.90000 | -1.75000 |
| 1108 | 1.00000 | 8.90000 | -1.42500 |
| 1109 | 1.00000 | 8.90000 | -2.30000 |
| 1110 | 1.00000 | 8.90000 | -2.02500 |
| 1111 | 9.00000 | 8.90000 | -1.49500 |
| 1112 | 9.00000 | 8.90000 | -1.29750 |
| 1113 | 9.00000 | 8.90000 | -2.30000 |
| 1114 | 9.00000 | 8.90000 | -1.89750 |
| 1115 | 17.0000 | 8.90000 | -1.49500 |
| 1116 | 17.0000 | 8.90000 | -1.29750 |
| 1117 | 17.0000 | 8.90000 | -2.30000 |
| 1118 | 17.0000 | 8.90000 | -1.89750 |
| 1119 | 25.0000 | 8.90000 | -1.49500 |
| 1120 | 25.0000 | 8.90000 | -1.29750 |
| 1121 | 25.0000 | 8.90000 | -2.30000 |
| 1122 | 25.0000 | 8.90000 | -1.89750 |
| 1123 | 33.0000 | 8.90000 | -1.49500 |
| 1124 | 33.0000 | 8.90000 | -1.29750 |
| 1125 | 33.0000 | 8.90000 | -2.30000 |
| 1126 | 33.0000 | 8.90000 | -1.89750 |
| 1127 | 41.0000 | 8.90000 | -1.75000 |
| 1128 | 41.0000 | 8.90000 | -1.42500 |
| 1129 | 41.0000 | 8.90000 | -2.30000 |
| 1130 | 41.0000 | 8.90000 | -2.02500 |
| 1131 | 49.0000 | 8.90000 | -1.49500 |
| 1132 | 49.0000 | 8.90000 | -1.29750 |
| 1133 | 49.0000 | 8.90000 | -2.30000 |
| 1134 | 49.0000 | 8.90000 | -1.89750 |
| 1135 | 57.5000 | 8.90000 | -1.49500 |

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|---|---|---|---|
| 1136 | 57.5000 | 8.90000 | -1.29750 |
| 1137 | 57.5000 | 8.90000 | -2.30000 |
| 1138 | 57.5000 | 8.90000 | -1.89750 |
| 1139 | 66.0000 | 8.90000 | -1.49500 |
| 1140 | 66.0000 | 8.90000 | -1.29750 |
| 1141 | 66.0000 | 8.90000 | -2.30000 |
| 1142 | 66.0000 | 8.90000 | -1.89750 |
| 1143 | 74.0000 | 8.90000 | -1.49500 |
| 1144 | 74.0000 | 8.90000 | -1.29750 |
| 1145 | 74.0000 | 8.90000 | -2.30000 |
| 1146 | 74.0000 | 8.90000 | -1.89750 |
| 1147 | 82.0000 | 8.90000 | -1.75000 |
| 1148 | 82.0000 | 8.90000 | -1.42500 |
| 1149 | 82.0000 | 8.90000 | -2.30000 |
| 1150 | 82.0000 | 8.90000 | -2.02500 |
| 1151 | -1.00000 | 2.35000 | -1.75000 |
| 1152 | -1.00000 | 2.35000 | -1.42500 |
| 1153 | -1.00000 | 2.35000 | -2.30000 |
| 1154 | -1.00000 | 2.35000 | -2.02500 |
| 1155 | 7.00000 | 2.35000 | -1.49500 |
| 1156 | 7.00000 | 2.35000 | -1.29750 |
| 1157 | 7.00000 | 2.35000 | -2.30000 |
| 1158 | 7.00000 | 2.35000 | -1.89750 |
| 1159 | 15.0000 | 2.35000 | -1.49500 |
| 1160 | 15.0000 | 2.35000 | -1.29750 |
| 1161 | 15.0000 | 2.35000 | -2.30000 |
| 1162 | 15.0000 | 2.35000 | -1.89750 |
| 1163 | 23.0000 | 2.35000 | -1.49500 |
| 1164 | 23.0000 | 2.35000 | -1.29750 |
| 1165 | 23.0000 | 2.35000 | -2.30000 |
| 1166 | 23.0000 | 2.35000 | -1.89750 |
| 1167 | 31.0000 | 2.35000 | -1.49500 |
| 1168 | 31.0000 | 2.35000 | -1.29750 |
| 1169 | 31.0000 | 2.35000 | -2.30000 |
| 1170 | 31.0000 | 2.35000 | -1.89750 |
| 1171 | 39.0000 | 2.35000 | -1.75000 |
| 1172 | 39.0000 | 2.35000 | -1.42500 |
| 1173 | 39.0000 | 2.35000 | -2.30000 |
| 1174 | 39.0000 | 2.35000 | -2.02500 |
| 1175 | 47.0000 | 2.35000 | -1.49500 |
| 1176 | 47.0000 | 2.35000 | -1.29750 |
| 1177 | 47.0000 | 2.35000 | -2.30000 |
| 1178 | 47.0000 | 2.35000 | -1.89750 |
| 1179 | 55.5000 | 2.35000 | -1.49500 |
| 1180 | 55.5000 | 2.35000 | -1.29750 |
| 1181 | 55.5000 | 2.35000 | -2.30000 |
| 1182 | 55.5000 | 2.35000 | -1.89750 |
| 1183 | 64.0000 | 2.35000 | -1.49500 |
| 1184 | 64.0000 | 2.35000 | -1.29750 |
| 1185 | 64.0000 | 2.35000 | -2.30000 |
| 1186 | 64.0000 | 2.35000 | -1.89750 |
| 1187 | 72.0000 | 2.35000 | -1.49500 |
| 1188 | 72.0000 | 2.35000 | -1.29750 |
| 1189 | 72.0000 | 2.35000 | -2.30000 |
| 1190 | 72.0000 | 2.35000 | -1.89750 |
| 1191 | 80.0000 | 2.35000 | -1.75000 |
| 1192 | 80.0000 | 2.35000 | -1.42500 |
| 1193 | 80.0000 | 2.35000 | -2.30000 |
| 1194 | 80.0000 | 2.35000 | -2.02500 |
| 1195 | 1.00000 | 8.90000 | -0.450000 |
| 1196 | 1.00000 | 8.90000 | -0.225000 |
| 1197 | 1.00000 | 8.90000 | -1.10000 |
| 1198 | 1.00000 | 8.90000 | -0.775000 |
| 1199 | 9.00000 | 8.90000 | -0.705000 |
| 1200 | 9.00000 | 8.90000 | -0.352500 |
| 1201 | 9.00000 | 8.90000 | -1.10000 |
| 1202 | 9.00000 | 8.90000 | -0.902500 |
| 1203 | 17.0000 | 8.90000 | -0.705000 |
| 1204 | 17.0000 | 8.90000 | -0.352500 |
| 1205 | 17.0000 | 8.90000 | -1.10000 |
| 1206 | 17.0000 | 8.90000 | -0.902500 |
| 1207 | 25.0000 | 8.90000 | -0.705000 |
| 1208 | 25.0000 | 8.90000 | -0.352500 |

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|---|---|---|---|
| 1209 | 25.0000 | 8.90000 | -1.10000 |
| 1210 | 25.0000 | 8.90000 | -0.902500 |
| 1211 | 33.0000 | 8.90000 | -0.705000 |
| 1212 | 33.0000 | 8.90000 | -0.352500 |
| 1213 | 33.0000 | 8.90000 | -1.10000 |
| 1214 | 33.0000 | 8.90000 | -0.902500 |
| 1215 | 41.0000 | 8.90000 | -0.450000 |
| 1216 | 41.0000 | 8.90000 | -0.225000 |
| 1217 | 41.0000 | 8.90000 | -1.10000 |
| 1218 | 41.0000 | 8.90000 | -0.775000 |
| 1219 | 49.0000 | 8.90000 | -0.705000 |
| 1220 | 49.0000 | 8.90000 | -0.352500 |
| 1221 | 49.0000 | 8.90000 | -1.10000 |
| 1222 | 49.0000 | 8.90000 | -0.902500 |
| 1223 | 57.5000 | 8.90000 | -0.705000 |
| 1224 | 57.5000 | 8.90000 | -0.352500 |
| 1225 | 57.5000 | 8.90000 | -1.10000 |
| 1226 | 57.5000 | 8.90000 | -0.902500 |
| 1227 | 66.0000 | 8.90000 | -0.705000 |
| 1228 | 66.0000 | 8.90000 | -0.352500 |
| 1229 | 66.0000 | 8.90000 | -1.10000 |
| 1230 | 66.0000 | 8.90000 | -0.902500 |
| 1231 | 74.0000 | 8.90000 | -0.705000 |
| 1232 | 74.0000 | 8.90000 | -0.352500 |
| 1233 | 74.0000 | 8.90000 | -1.10000 |
| 1234 | 74.0000 | 8.90000 | -0.902500 |
| 1235 | 82.0000 | 8.90000 | -0.450000 |
| 1236 | 82.0000 | 8.90000 | -0.225000 |
| 1237 | 82.0000 | 8.90000 | -1.10000 |
| 1238 | 82.0000 | 8.90000 | -0.775000 |
| 1239 | -1.00000 | 2.35000 | -0.450000 |
| 1240 | -1.00000 | 2.35000 | -0.225000 |
| 1241 | -1.00000 | 2.35000 | -1.10000 |
| 1242 | -1.00000 | 2.35000 | -0.775000 |
| 1243 | 7.00000 | 2.35000 | -0.705000 |
| 1244 | 7.00000 | 2.35000 | -0.352500 |
| 1245 | 7.00000 | 2.35000 | -1.10000 |
| 1246 | 7.00000 | 2.35000 | -0.902500 |
| 1247 | 15.0000 | 2.35000 | -0.705000 |
| 1248 | 15.0000 | 2.35000 | -0.352500 |
| 1249 | 15.0000 | 2.35000 | -1.10000 |
| 1250 | 15.0000 | 2.35000 | -0.902500 |
| 1251 | 23.0000 | 2.35000 | -0.705000 |
| 1252 | 23.0000 | 2.35000 | -0.352500 |
| 1253 | 23.0000 | 2.35000 | -1.10000 |
| 1254 | 23.0000 | 2.35000 | -0.902500 |
| 1255 | 31.0000 | 2.35000 | -0.705000 |
| 1256 | 31.0000 | 2.35000 | -0.352500 |
| 1257 | 31.0000 | 2.35000 | -1.10000 |
| 1258 | 31.0000 | 2.35000 | -0.902500 |
| 1259 | 39.0000 | 2.35000 | -0.450000 |
| 1260 | 39.0000 | 2.35000 | -0.225000 |
| 1261 | 39.0000 | 2.35000 | -1.10000 |
| 1262 | 39.0000 | 2.35000 | -0.775000 |
| 1263 | 47.0000 | 2.35000 | -0.705000 |
| 1264 | 47.0000 | 2.35000 | -0.352500 |
| 1265 | 47.0000 | 2.35000 | -1.10000 |
| 1266 | 47.0000 | 2.35000 | -0.902500 |
| 1267 | 55.5000 | 2.35000 | -0.705000 |
| 1268 | 55.5000 | 2.35000 | -0.352500 |
| 1269 | 55.5000 | 2.35000 | -1.10000 |
| 1270 | 55.5000 | 2.35000 | -0.902500 |
| 1271 | 64.0000 | 2.35000 | -0.705000 |
| 1272 | 64.0000 | 2.35000 | -0.352500 |
| 1273 | 64.0000 | 2.35000 | -1.10000 |
| 1274 | 64.0000 | 2.35000 | -0.902500 |
| 1275 | 72.0000 | 2.35000 | -0.705000 |
| 1276 | 72.0000 | 2.35000 | -0.352500 |
| 1277 | 72.0000 | 2.35000 | -1.10000 |
| 1278 | 72.0000 | 2.35000 | -0.902500 |
| 1279 | 80.0000 | 2.35000 | -0.450000 |
| 1280 | 80.0000 | 2.35000 | -0.225000 |
| 1281 | 80.0000 | 2.35000 | -1.10000 |

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|---|---|---|---|
| 1282 | 80.0000 | 2.35000 | -0.775000 |
| 1283 | 3.00000 | 2.35000 | -1.10000 |
| 1284 | 3.00000 | 3.98750 | -1.10000 |
| 1285 | 3.00000 | 5.62500 | -1.10000 |
| 1286 | 3.00000 | 7.26250 | -1.10000 |
| 1287 | 5.00000 | 8.90000 | -1.49500 |
| 1288 | 5.00000 | 8.90000 | -1.29750 |
| 1289 | 5.00000 | 8.90000 | -2.30000 |
| 1290 | 5.00000 | 8.90000 | -1.89750 |
| 1291 | 3.00000 | 2.35000 | -1.49500 |
| 1292 | 3.00000 | 2.35000 | -1.29750 |
| 1293 | 3.00000 | 2.35000 | -2.30000 |
| 1294 | 3.00000 | 2.35000 | -1.89750 |
| 1295 | 5.00000 | 8.90000 | -0.705000 |
| 1296 | 5.00000 | 8.90000 | -0.352500 |
| 1297 | 5.00000 | 8.90000 | -1.10000 |
| 1298 | 5.00000 | 8.90000 | -0.902500 |
| 1299 | 3.00000 | 2.35000 | -0.705000 |
| 1300 | 3.00000 | 2.35000 | -0.352500 |
| 1301 | 3.00000 | 2.35000 | -1.10000 |
| 1302 | 3.00000 | 2.35000 | -0.902500 |
| 1303 | 11.0000 | 2.35000 | -1.10000 |
| 1304 | 11.0000 | 3.98750 | -1.10000 |
| 1305 | 11.0000 | 5.62500 | -1.10000 |
| 1306 | 11.0000 | 7.26250 | -1.10000 |
| 1307 | 13.0000 | 8.90000 | -1.49500 |
| 1308 | 13.0000 | 8.90000 | -1.29750 |
| 1309 | 13.0000 | 8.90000 | -2.30000 |
| 1310 | 13.0000 | 8.90000 | -1.89750 |
| 1311 | 11.0000 | 2.35000 | -1.49500 |
| 1312 | 11.0000 | 2.35000 | -1.29750 |
| 1313 | 11.0000 | 2.35000 | -2.30000 |
| 1314 | 11.0000 | 2.35000 | -1.89750 |
| 1315 | 13.0000 | 8.90000 | -0.705000 |
| 1316 | 13.0000 | 8.90000 | -0.352500 |
| 1317 | 13.0000 | 8.90000 | -1.10000 |
| 1318 | 13.0000 | 8.90000 | -0.902500 |
| 1319 | 11.0000 | 2.35000 | -0.705000 |
| 1320 | 11.0000 | 2.35000 | -0.352500 |
| 1321 | 11.0000 | 2.35000 | -1.10000 |
| 1322 | 11.0000 | 2.35000 | -0.902500 |
| 1323 | 19.0000 | 2.35000 | -1.10000 |
| 1324 | 19.0000 | 3.98750 | -1.10000 |
| 1325 | 19.0000 | 5.62500 | -1.10000 |
| 1326 | 19.0000 | 7.26250 | -1.10000 |
| 1327 | 21.0000 | 8.90000 | -1.49500 |
| 1328 | 21.0000 | 8.90000 | -1.29750 |
| 1329 | 21.0000 | 8.90000 | -2.30000 |
| 1330 | 21.0000 | 8.90000 | -1.89750 |
| 1331 | 19.0000 | 2.35000 | -1.49500 |
| 1332 | 19.0000 | 2.35000 | -1.29750 |
| 1333 | 19.0000 | 2.35000 | -2.30000 |
| 1334 | 19.0000 | 2.35000 | -1.89750 |
| 1335 | 21.0000 | 8.90000 | -0.705000 |
| 1336 | 21.0000 | 8.90000 | -0.352500 |
| 1337 | 21.0000 | 8.90000 | -1.10000 |
| 1338 | 21.0000 | 8.90000 | -0.902500 |
| 1339 | 19.0000 | 2.35000 | -0.705000 |
| 1340 | 19.0000 | 2.35000 | -0.352500 |
| 1341 | 19.0000 | 2.35000 | -1.10000 |
| 1342 | 19.0000 | 2.35000 | -0.902500 |
| 1343 | 27.0000 | 2.35000 | -1.10000 |
| 1344 | 27.0000 | 3.98750 | -1.10000 |
| 1345 | 27.0000 | 5.62500 | -1.10000 |
| 1346 | 27.0000 | 7.26250 | -1.10000 |
| 1347 | 29.0000 | 8.90000 | -1.49500 |
| 1348 | 29.0000 | 8.90000 | -1.29750 |
| 1349 | 29.0000 | 8.90000 | -2.30000 |
| 1350 | 29.0000 | 8.90000 | -1.89750 |
| 1351 | 27.0000 | 2.35000 | -1.49500 |
| 1352 | 27.0000 | 2.35000 | -1.29750 |
| 1353 | 27.0000 | 2.35000 | -2.30000 |
| 1354 | 27.0000 | 2.35000 | -1.89750 |

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|---|---|---|---|
| 1355 | 29.0000 | 8.90000 | -0.705000 |
| 1356 | 29.0000 | 8.90000 | -0.352500 |
| 1357 | 29.0000 | 8.90000 | -1.10000 |
| 1358 | 29.0000 | 8.90000 | -0.902500 |
| 1359 | 27.0000 | 2.35000 | -0.705000 |
| 1360 | 27.0000 | 2.35000 | -0.352500 |
| 1361 | 27.0000 | 2.35000 | -1.10000 |
| 1362 | 27.0000 | 2.35000 | -0.902500 |
| 1363 | 35.0000 | 2.35000 | -1.10000 |
| 1364 | 35.0000 | 3.98750 | -1.10000 |
| 1365 | 35.0000 | 5.62500 | -1.10000 |
| 1366 | 35.0000 | 7.26250 | -1.10000 |
| 1367 | 37.0000 | 8.90000 | -1.49500 |
| 1368 | 37.0000 | 8.90000 | -1.29750 |
| 1369 | 37.0000 | 8.90000 | -2.30000 |
| 1370 | 37.0000 | 8.90000 | -1.89750 |
| 1371 | 35.0000 | 2.35000 | -1.49500 |
| 1372 | 35.0000 | 2.35000 | -1.29750 |
| 1373 | 35.0000 | 2.35000 | -2.30000 |
| 1374 | 35.0000 | 2.35000 | -1.89750 |
| 1375 | 37.0000 | 8.90000 | -0.705000 |
| 1376 | 37.0000 | 8.90000 | -0.352500 |
| 1377 | 37.0000 | 8.90000 | -1.10000 |
| 1378 | 37.0000 | 8.90000 | -0.902500 |
| 1379 | 35.0000 | 2.35000 | -0.705000 |
| 1380 | 35.0000 | 2.35000 | -0.352500 |
| 1381 | 35.0000 | 2.35000 | -1.10000 |
| 1382 | 35.0000 | 2.35000 | -0.902500 |
| 1383 | 43.0000 | 2.35000 | -1.10000 |
| 1384 | 43.0000 | 3.98750 | -1.10000 |
| 1385 | 43.0000 | 5.62500 | -1.10000 |
| 1386 | 43.0000 | 7.26250 | -1.10000 |
| 1387 | 45.0000 | 8.90000 | -1.49500 |
| 1388 | 45.0000 | 8.90000 | -1.29750 |
| 1389 | 45.0000 | 8.90000 | -2.30000 |
| 1390 | 45.0000 | 8.90000 | -1.89750 |
| 1391 | 43.0000 | 2.35000 | -1.49500 |
| 1392 | 43.0000 | 2.35000 | -1.29750 |
| 1393 | 43.0000 | 2.35000 | -2.30000 |
| 1394 | 43.0000 | 2.35000 | -1.89750 |
| 1395 | 45.0000 | 8.90000 | -0.705000 |
| 1396 | 45.0000 | 8.90000 | -0.352500 |
| 1397 | 45.0000 | 8.90000 | -1.10000 |
| 1398 | 45.0000 | 8.90000 | -0.902500 |
| 1399 | 43.0000 | 2.35000 | -0.705000 |
| 1400 | 43.0000 | 2.35000 | -0.352500 |
| 1401 | 43.0000 | 2.35000 | -1.10000 |
| 1402 | 43.0000 | 2.35000 | -0.902500 |
| 1403 | 51.2500 | 2.35000 | -1.10000 |
| 1404 | 51.2500 | 3.98750 | -1.10000 |
| 1405 | 51.2500 | 5.62500 | -1.10000 |
| 1406 | 51.2500 | 7.26250 | -1.10000 |
| 1407 | 53.2500 | 8.90000 | -1.49500 |
| 1408 | 53.2500 | 8.90000 | -1.29750 |
| 1409 | 53.2500 | 8.90000 | -2.30000 |
| 1410 | 53.2500 | 8.90000 | -1.89750 |
| 1411 | 51.2500 | 2.35000 | -1.49500 |
| 1412 | 51.2500 | 2.35000 | -1.29750 |
| 1413 | 51.2500 | 2.35000 | -2.30000 |
| 1414 | 51.2500 | 2.35000 | -1.89750 |
| 1415 | 53.2500 | 8.90000 | -0.705000 |
| 1416 | 53.2500 | 8.90000 | -0.352500 |
| 1417 | 53.2500 | 8.90000 | -1.10000 |
| 1418 | 53.2500 | 8.90000 | -0.902500 |
| 1419 | 51.2500 | 2.35000 | -0.705000 |
| 1420 | 51.2500 | 2.35000 | -0.352500 |
| 1421 | 51.2500 | 2.35000 | -1.10000 |
| 1422 | 51.2500 | 2.35000 | -0.902500 |
| 1423 | 59.7500 | 2.35000 | -1.10000 |
| 1424 | 59.7500 | 3.98750 | -1.10000 |
| 1425 | 59.7500 | 5.62500 | -1.10000 |
| 1426 | 59.7500 | 7.26250 | -1.10000 |
| 1427 | 61.7500 | 8.90000 | -1.49500 |

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| 1428 | 61.7500 | 8.90000 | -1.29750 |
| 1429 | 61.7500 | 8.90000 | -2.30000 |
| 1430 | 61.7500 | 8.90000 | -1.89750 |
| 1431 | 59.7500 | 2.35000 | -1.49500 |
| 1432 | 59.7500 | 2.35000 | -1.29750 |
| 1433 | 59.7500 | 2.35000 | -2.30000 |
| 1434 | 59.7500 | 2.35000 | -1.89750 |
| 1435 | 61.7500 | 8.90000 | -0.705000 |
| 1436 | 61.7500 | 8.90000 | -0.352500 |
| 1437 | 61.7500 | 8.90000 | -1.10000 |
| 1438 | 61.7500 | 8.90000 | -0.902500 |
| 1439 | 59.7500 | 2.35000 | -0.705000 |
| 1440 | 59.7500 | 2.35000 | -0.352500 |
| 1441 | 59.7500 | 2.35000 | -1.10000 |
| 1442 | 59.7500 | 2.35000 | -0.902500 |
| 1443 | 68.0000 | 2.35000 | -1.10000 |
| 1444 | 68.0000 | 3.98750 | -1.10000 |
| 1445 | 68.0000 | 5.62500 | -1.10000 |
| 1446 | 68.0000 | 7.26250 | -1.10000 |
| 1447 | 70.0000 | 8.90000 | -1.49500 |
| 1448 | 70.0000 | 8.90000 | -1.29750 |
| 1449 | 70.0000 | 8.90000 | -2.30000 |
| 1450 | 70.0000 | 8.90000 | -1.89750 |
| 1451 | 68.0000 | 2.35000 | -1.49500 |
| 1452 | 68.0000 | 2.35000 | -1.29750 |
| 1453 | 68.0000 | 2.35000 | -2.30000 |
| 1454 | 68.0000 | 2.35000 | -1.89750 |
| 1455 | 70.0000 | 8.90000 | -0.705000 |
| 1456 | 70.0000 | 8.90000 | -0.352500 |
| 1457 | 70.0000 | 8.90000 | -1.10000 |
| 1458 | 70.0000 | 8.90000 | -0.902500 |
| 1459 | 68.0000 | 2.35000 | -0.705000 |
| 1460 | 68.0000 | 2.35000 | -0.352500 |
| 1461 | 68.0000 | 2.35000 | -1.10000 |
| 1462 | 68.0000 | 2.35000 | -0.902500 |
| 1463 | 76.0000 | 2.35000 | -1.10000 |
| 1464 | 76.0000 | 3.98750 | -1.10000 |
| 1465 | 76.0000 | 5.62500 | -1.10000 |
| 1466 | 76.0000 | 7.26250 | -1.10000 |
| 1467 | 78.0000 | 8.90000 | -1.49500 |
| 1468 | 78.0000 | 8.90000 | -1.29750 |
| 1469 | 78.0000 | 8.90000 | -2.30000 |
| 1470 | 78.0000 | 8.90000 | -1.89750 |
| 1471 | 76.0000 | 2.35000 | -1.49500 |
| 1472 | 76.0000 | 2.35000 | -1.29750 |
| 1473 | 76.0000 | 2.35000 | -2.30000 |
| 1474 | 76.0000 | 2.35000 | -1.89750 |
| 1475 | 78.0000 | 8.90000 | -0.705000 |
| 1476 | 78.0000 | 8.90000 | -0.352500 |
| 1477 | 78.0000 | 8.90000 | -1.10000 |
| 1478 | 78.0000 | 8.90000 | -0.902500 |
| 1479 | 76.0000 | 2.35000 | -0.705000 |
| 1480 | 76.0000 | 2.35000 | -0.352500 |
| 1481 | 76.0000 | 2.35000 | -1.10000 |
| 1482 | 76.0000 | 2.35000 | -0.902500 |
| 1483 | 41.0000 | 8.90000 | -2.30000 |
| 1484 | 40.0000 | 9.90000 | -2.30000 |
| 1485 | 41.0000 | 2.35000 | -2.30000 |
| 1486 | 40.0000 | 3.35000 | -2.30000 |
| 1487 | 1.00000 | 2.35000 | -2.30000 |
| 1488 | 0.000000E+00 | 3.35000 | -2.30000 |
| 1489 | 1.00000 | 8.90000 | -2.30000 |
| 1490 | 0.000000E+00 | 9.90000 | -2.30000 |
| 1491 | 82.0000 | 2.35000 | -2.30000 |
| 1492 | 81.0000 | 3.35000 | -2.30000 |
| 1493 | 82.0000 | 8.90000 | -2.30000 |
| 1494 | 81.0000 | 9.90000 | -2.30000 |
| 1495 | 41.0000 | 5.62500 | -8.60000 |
| 1496 | 40.0000 | 6.62500 | -8.60000 |
| 1497 | 1.00000 | 5.62500 | -2.80000 |
| 1498 | 0.000000E+00 | 6.62500 | -2.80000 |
| 1499 | 82.0000 | 5.62500 | -2.80000 |
| 1500 | 81.0000 | 6.62500 | -2.80000 |

TOTAL NUMBER OF NODES = 1500
LARGEST NODE NUMBER = 1500

DATA STORAGE LOCATIONS USED = 10500

G E O M E T R I C P R O P E R T I E S

C1__F1
PROPERTY

BMI21 ELEMENTS
1 1ST NODE AREA =0.1076 IYY =0.9835E-01 IZZ = 0.4254E-02 KT =0.3325E-04 ASZ =0.4460E-01
ASY =0.6300E-01 EZ =1.241 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1076 IYY =0.9835E-01 IZZ = 0.4254E-02 KT =0.3325E-04 ASZ =0.4460E-01
ASY =0.6300E-01 EZ =1.241 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C2__F1
PROPERTY

BMI21 ELEMENTS
2 1ST NODE AREA =0.1120 IYY =0.1047 IZZ = 0.4861E-02 KT =0.4992E-04 ASZ =0.3996E-01
ASY =0.7200E-01 EZ =1.325 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1120 IYY =0.1047 IZZ = 0.4861E-02 KT =0.4992E-04 ASZ =0.3996E-01
ASY =0.7200E-01 EZ =1.325 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C3__F1
PROPERTY

BMI21 ELEMENTS
3 1ST NODE AREA =0.1296 IYY =0.1268 IZZ = 0.6076E-02 KT =0.8828E-04 ASZ =0.3960E-01
ASY =0.9000E-01 EZ =1.300 EY = 0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1296 IYY =0.1268 IZZ = 0.6076E-02 KT =0.8828E-04 ASZ =0.3960E-01
ASY =0.9000E-01 EZ =1.300 EY = 0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

C4__F1
PROPERTY

BMI21 ELEMENTS
4 1ST NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1692 IYY =0.1735 IZZ =
0.8506E-02 KT =0.2116E-03 ASZ =0.4320E-01
ASY =0.1260 EZ =1.150 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Traversi_Campata (HE 800 A)
PROPERTY

BMI21 ELEMENTS
5 1ST NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2858E-01 IYY =0.3034E-02 IZZ =
0.1264E-03 KT =0.6186E-05 ASZ =0.1160E-01
ASY =0.1520E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Ritti_Appoggi (Ritti_Traversi_Appoggi R180)
PROPERTY

BMI21 ELEMENTS
6 1ST NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19
2ND NODE AREA =0.7558E-01 IYY =0.7584E-02 IZZ =
0.1330E-02 KT =0.3328E-04 ASZ =0.2812E-01
ASY =0.3325E-01 EZ =0.2000 EY =
0.0000E+00 IYZ =0.1736E-19

G E O M E T R I C P R O P E R T I E S

Traversi_Pila_Spalle (I D=1.3 B=0.35 tf=0.04 tw=0.03 r=0)
PROPERTY

BMI21 ELEMENTS
7 1ST NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.6460E-01 IYY =0.1566E-01 IZZ =
0.2886E-03 KT =0.2565E-04 ASZ =0.3686E-01
ASY =0.2424E-01 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Pila (SezTrasversalePila)
PROPERTY

BMI21 ELEMENTS
8 1ST NODE AREA =10.75 IYY =1.579 IZZ =
67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =-0.2305E-11
2ND NODE AREA =10.75 IYY =1.579 IZZ =
67.26 KT =5.419 ASZ =8.604
ASY =7.783 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =-0.2305E-11

G E O M E T R I C P R O P E R T I E S

Plinto (RSS D=11.4 B=6.9 R90)
PROPERTY

BMI21 ELEMENTS
9 1ST NODE AREA =78.66 IYY =312.1 IZZ =
851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =78.66 IYY =312.1 IZZ =
851.9 KT =777.5 ASZ =65.56
ASY =65.55 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Baggioli (RSS D=1.45 B=1.1 R90)
PROPERTY

BMI21 ELEMENTS
10 1ST NODE AREA =1.595 IYY =0.1608 IZZ =
0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.595 IYY =0.1608 IZZ =
0.2795 KT =0.3454 ASZ =1.329
ASY =1.329 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Offset
PROPERTY

BMI21 ELEMENTS
11 1ST NODE AREA =1.000 IYY =1.000 IZZ =
1.000 KT =1.000 ASZ =1.000

ASY =1.000 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.000 IYY =1.000 IZZ =
1.000 KT =1.000 ASZ =1.000
ASY =1.000 EZ =0.0000E+00 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

Ritti_Traversi (I D=0.274 Bt=0.46 Bb=0.2 tft=0.018 tfb=0.016 tw=0.02 r=0)
PROPERTY

BMI21 ELEMENTS
12 1ST NODE AREA =0.1628E-01 IYY =0.1869E-03 IZZ =
0.1568E-03 KT =0.1843E-05 ASZ =0.4391E-02
ASY =0.7966E-02 EZ =0.8800E-01 EY =
0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1628E-01 IYY =0.1869E-03 IZZ =
0.1568E-03 KT =0.1843E-05 ASZ =0.4391E-02
ASY =0.7966E-02 EZ =0.8800E-01 EY =
0.0000E+00 IYZ =0.0000E+00

G E O M E T R I C P R O P E R T I E S

S=0.3m
PROPERTY

QTS4 ELEMENTS
14 EZ = -0.1500 T1 = 0.3000 T2 = 0.3000 T3
= 0.3000 T4 = 0.3000

G E O M E T R I C P R O P E R T I E S

Ecc0
PROPERTY

JSH4 ELEMENTS
13 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 678

G E O M E T R I C A S S I G N M E N T S

| FIRST ELEMENT | LAST ELEMENT | DIFF-ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|---|---|---|---|---|
| 1 | 0 | 0 | 13 | 21 |
| 2 | 0 | 0 | 9 | 18 |
| 3 | 5 | 1 | 8 | 17 |
| 6 | 8 | 1 | 11 | 20 |
| 9 | 10 | 1 | 13 | 21 |
| 11 | 13 | 1 | 11 | 20 |

| | | | | |
|---|---|---|---|---|
| 14 | 19 | 1 | 10 | 19 |
| 20 | 25 | 1 | 13 | 21 |
| 26 | 31 | 1 | 6 | 15 |
| 32 | 67 | 1 | 12 | 22 |
| 68 | 73 | 1 | 6 | 15 |
| 74 | 109 | 1 | 12 | 22 |
| 110 | 115 | 1 | 6 | 15 |
| 116 | 151 | 1 | 12 | 22 |
| 152 | 157 | 1 | 6 | 15 |
| 158 | 193 | 1 | 12 | 22 |
| 194 | 0 | 0 | 7 | 16 |
| 195 | 203 | 1 | 5 | 14 |
| 204 | 0 | 0 | 7 | 16 |
| 205 | 213 | 1 | 5 | 14 |
| 214 | 215 | 1 | 7 | 16 |
| 216 | 224 | 1 | 5 | 14 |
| 225 | 0 | 0 | 7 | 16 |
| 226 | 234 | 1 | 5 | 14 |
| 235 | 236 | 1 | 7 | 16 |
| 237 | 245 | 1 | 5 | 14 |
| 246 | 0 | 0 | 7 | 16 |
| 247 | 255 | 1 | 5 | 14 |
| 256 | 257 | 1 | 7 | 16 |
| 258 | 266 | 1 | 5 | 14 |
| 267 | 0 | 0 | 7 | 16 |
| 268 | 276 | 1 | 5 | 14 |
| 277 | 0 | 0 | 7 | 16 |
| 278 | 313 | 1 | 12 | 22 |
| 314 | 319 | 1 | 6 | 15 |
| 320 | 355 | 1 | 12 | 22 |
| 356 | 361 | 1 | 6 | 15 |
| 362 | 397 | 1 | 12 | 22 |
| 398 | 403 | 1 | 6 | 15 |
| 404 | 439 | 1 | 12 | 22 |
| 440 | 445 | 1 | 6 | 15 |
| 446 | 557 | 1 | 14 | 13 |
| 558 | 564 | 1 | 1 | 9 |
| 565 | 572 | 1 | 2 | 10 |
| 573 | 580 | 1 | 3 | 11 |
| 581 | 588 | 1 | 4 | 12 |
| 589 | 596 | 1 | 3 | 11 |
| 597 | 605 | 1 | 2 | 10 |
| 606 | 613 | 1 | 1 | 9 |
| 614 | 837 | 1 | 14 | 13 |
| 838 | 844 | 1 | 1 | 9 |
| 845 | 852 | 1 | 2 | 10 |
| 853 | 860 | 1 | 3 | 11 |
| 861 | 868 | 1 | 4 | 12 |
| 869 | 876 | 1 | 3 | 11 |
| 877 | 885 | 1 | 2 | 10 |
| 886 | 893 | 1 | 1 | 9 |
| 894 | 1005 | 1 | 14 | 13 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 58
TOTAL NUMBER OF ELEMENTS = 1005
LARGEST ELEMENT NUMBER = 1005
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 14

DATA STORAGE LOCATIONS USED = 3015

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_spalle
8 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1260E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

J O I N T P R O P E R T I E S

MATERIAL

Incastro
9 KX = 0.3000E+10 KY = 0.3000E+10 KZ = 0.3000E+10 KTX
= 0.3000E+10 KTY = 0.3000E+10 KTZ = 0.3000E+10

J O I N T P R O P E R T I E S

MATERIAL

Isolatori_pila
10 KX = 0.2990E+07 KY = 0.2990E+07 KZ = 0.1871E+10 KTX
= 1.000 KTY = 1.000 KTZ = 1.000

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel (elastic)
1 E = 0.2100E+12 NU = 0.3000 RHO = 7850. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3 (elastic)
2 E = 0.3364E+11 NU = 0.2000 RHO = 2500. ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Steel_rho=0 (elastic)
3 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA
= 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Rigid_rho=0 (elastic)
4 E = 0.2100E+15 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Neg (elastic)
5 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_short_term_Phase3_Trans_Pos (elastic)
6 E = 0.1998E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

M A T E R I A L P R O P E R T I E S

MATERIAL

Concrete_Cracked (elastic)
7 E = 0.6333E+10 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 468

M A T E R I A L A S S I G N M E N T S

| FIRST ELEMENT SET | LAST ELEMENT SET | DIFF-ERENCE ID NO. | MATERIAL SET | NSET STRESS POTENTIAL/ CREEP SET | DAMAGE SET | LusasM MATERIAL SET | VISCOELASTIC TWO PHASE SET | SHRINKAGE SET | KO SMEARED_REINFORCEMENT SET |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 5 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |

```
  6          8          1          4          0          0
  0          0         15          0          0          0
  0             0
  9         10          1          9          0          0
  0          0         17          0          0          0
  0             0
 11         13          1          4          0          0
  0          0         15          0          0          0          0
  0
 14         19          1          2          0          0
  0          0          5          0          0          0          0
  0
 20          0          0          8          0          0
  0          0         16          0          0          0          0
  0
 21          0          0         10          0          0
  0          0         23          0          0          0          0
  0
 22         23          1          8          0          0
  0          0         16          0          0          0          0
  0
 24          0          0         10          0          0
  0          0         23          0          0          0          0
  0
 25          0          0          8          0          0
  0          0         16          0          0          0          0
  0
 26        109          1          3          0          0
  0          0         14          0          0          0          0
  0
110        193          1          4          0          0
  0          0         15          0          0          0          0
  0
194        277          1          1          0          0
  0          0          1          0          0          0          0
  0
278        361          1          4          0          0
  0          0         15          0          0          0          0
  0
362        445          1          3          0          0
  0          0         14          0          0          0          0
  0
446        467          1          2          0          0
  0          0          5          0          0          0          0
  0
468          0          0          5          0          0
  0          0         20          0          0          0          0
  0
469        476          1          7          0          0
  0          0         22          0          0          0          0
  0
477          0          0          6          0          0
  0          0         21          0          0          0          0
  0
478        523          1          2          0          0
  0          0          5          0          0          0          0
  0
524          0          0          5          0          0
  0          0         20          0          0          0          0
  0
525        532          1          7          0          0
  0          0         22          0          0          0          0
  0
533          0          0          6          0          0
  0          0         21          0          0          0          0
  0
534        557          1          2          0          0
  0          0          5          0          0          0          0
  0
558        613          1          1          0          0
  0          0          1          0          0          0          0
  0
614        635          1          2          0          0
```

```
0       0       5       0       0       0       0
0
636     0       0       5       0       0
0       0       20      0       0       0       0
0
637     644     1       7       0       0
0       0       22      0       0       0       0
0
645     0       0       6       0       0
0       0       21      0       0       0       0
0
646     691     1       2       0       0
0       0       5       0       0       0       0
0
692     0       0       5       0       0
0       0       20      0       0       0       0
0
693     700     1       7       0       0
0       0       22      0       0       0       0
0
701     0       0       6       0       0
0       0       21      0       0       0       0
0
702     747     1       2       0       0
0       0       5       0       0       0       0
0
748     0       0       5       0       0
0       0       20      0       0       0       0
0
749     756     1       7       0       0
0       0       22      0       0       0       0
0
757     0       0       6       0       0
0       0       21      0       0       0       0
0
758     803     1       2       0       0
0       0       5       0       0       0       0
0
804     0       0       5       0       0
0       0       20      0       0       0       0
0
805     812     1       7       0       0
0       0       22      0       0       0       0
0
813     0       0       6       0       0
0       0       21      0       0       0       0
0
814     837     1       2       0       0
0       0       5       0       0       0       0
0
838     893     1       1       0       0
0       0       1       0       0       0       0
0
894     915     1       2       0       0
0       0       5       0       0       0       0
0
916     0       0       5       0       0
0       0       20      0       0       0       0
0
917     924     1       7       0       0
0       0       22      0       0       0       0
0
925     0       0       6       0       0
0       0       21      0       0       0       0
0
926     971     1       2       0       0
0       0       5       0       0       0       0
0
972     0       0       5       0       0
0       0       20      0       0       0       0
0
973     980     1       7       0       0
0       0       22      0       0       0       0
```

```
            0
            981         0         0        6       0            0
            0       0      21         0         0              0       0
            0
            982      1005         1        2       0            0
            0       0       5         0         0              0       0
            0
```

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 53

F R E E D O M T E M P L A T E

| COLM. 1 | COLM. 2 | COLM. 3 | COLM. 4 | COLM. 5 | COLM. 6 | COLM. 7 | COLM. 8 | COLM. 9 | COLM. 10 | COLM. 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| COLM. 12 | COLM. 13 | COLM. 14 | COLM. 15 | COLM. 16 | COLM. 17 | COLM. 18 | COLM. 19 | COLM. 20 | COLM. 21 | |
| U | V | W | THX | THY | THZ | | | | | |

S U P P O R T N O D E S

F = FREE
R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
S = SPRING

| FIRST NODE | LAST NODE | DIFF RNCE | SUPPORT CONDITION | SPRING CONSTANT OR PRESCRIBED VALUE FREEDOM U | SUPPORT SPRING CONSTANT OR PRESCRIBED VALUE FREEDOM V | SUPPORT SPRING CONSTANT OR PRESCRIBED VALUE FREEDOM W | SUPPORT SPRING CONSTANT OR PRESCRIBED VALUE FREEDOM THX | SUPPORT SPRING CONSTANT OR PRESCRIBED VALUE FREEDOM THY | SUPPORT SPRING CONSTANT OR PRESCRIBED VALUE FREEDOM THZ |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 9 | 8 | R R R R R R | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 13 | 0 | 0 | R R R R R R | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

TOTAL NUMBER OF SUPPORT NODES = 3
LARGEST NODE NUMBER = 13

DATA STORAGE LOCATIONS USED = 162

L O A D C A S E 504

CDM_TRsx - Fz (My) @ 0 - Negative - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -137.90 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8198.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12735. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3118.5 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -678.45
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -733.70
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -924.79
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1093.4
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -923.57
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -678.45
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -792.62
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -705.87
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -680.50
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -817.99
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -867.91
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1093.4
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -894.10
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -936.78
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -2511.3
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2454.7
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -2891.9
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2481.8
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -3315.5
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -4004.0
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3342.2
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2564.5
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2724.0
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2532.1
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1976.5
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2027.1
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2318.5
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2862.6
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1091.9
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1020.6
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -2021.5
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1825.3
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -2072.0
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2492.6
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1847.3
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -872.67
0.00000E+00   0.00000E+00   0.00000E+00
```

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537        0        0   0.00000E+00   0.00000E+00   -31149.
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -47425.
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -13327.
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4293.4
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4643.0
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5852.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6919.2
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5844.5
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4293.4
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -5015.9
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4466.9
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4306.4
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -5176.5
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5492.4
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6919.2
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -5658.1
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4739.7
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -5340.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4837.2
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -5515.6
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5153.5
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6419.1
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7810.2
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6276.9
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5676.6
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4919.6
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4860.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1233.4
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -620.53
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -709.74
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -876.31
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -334.26
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -312.42
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -618.84
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -558.76
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1174.6
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4545.2
```

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      0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3653.0
      0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -1467.7
      0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -65995.
      0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00  -0.10232E+06
      0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -24883.
      0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -5693.4
      0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5890.0
      0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7453.5
      0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8852.0
      0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7416.5
      0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -5683.4
      0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -6217.8
      0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5774.7
      0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5645.0
      0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -6379.0
      0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7143.7
      0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8852.0
      0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7332.2
      0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5916.4
      0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -6019.7
      0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5724.8
      0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -6067.1
      0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5884.0
      0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7333.0
      0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8852.0
      0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7162.3
      0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -6342.6
      0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5662.0
      0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -5154.3
      0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -662.72
      0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -569.84
      0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -3988.8
      0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3256.2
      0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2407.9
      0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -59229.
      0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -91297.
      0.00000E+00   0.00000E+00   0.00000E+00
```

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653        0        0   0.00000E+00   0.00000E+00   -21461.
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5644.4
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5020.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6447.2
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6328.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5603.8
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4833.8
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5268.5
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5395.2
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -4834.7
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6654.0
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6744.7
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -4979.8
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4893.5
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5771.9
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -4833.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5101.2
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6663.7
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6613.5
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -4834.5
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -5516.8
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3455.8
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -3.6413
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -3.1310
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -21.917
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.891
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -3812.8
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00  -0.12426E+06
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00  -0.19398E+06
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -44879.
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -10269.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -10588.
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12362.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15229.
```

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      0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12295.
      0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10947.
      0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9751.6
      0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -9773.9
      0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -11083.
      0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9435.3
      0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -12859.
      0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15229.
      0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12972.
      0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10089.
      0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -9477.2
      0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -11181.
      0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9633.9
      0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -9775.7
      0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -13181.
      0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15229.
      0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12963.
      0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9435.3
      0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10770.
      0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -6766.2
      0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -6668.5
      0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -97608.
      0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00  -0.14857E+06
      0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -43503.
      0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -19778.
      0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -22099.
      0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -24557.
      0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30589.
      0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24603.
      0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21963.
      0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -19914.
      0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -19050.
      0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -22828.
      0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18936.
      0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -25650.
      0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -30589.
      0.00000E+00   0.00000E+00   0.00000E+00
```

```
780        0        0   0.00000E+00   0.00000E+00   -25809.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -20643.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22327.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -19550.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -19414.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -26629.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30589.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -26060.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -21599.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -13610.
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -2941.3
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -79251.
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00  -0.12345E+06
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -30377.
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -8723.6
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -9747.5
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -10832.
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -10852.
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -9687.3
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -8783.8
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -8402.4
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -10069.
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -8352.2
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -11314.
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -11384.
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -9105.1
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -8352.2
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -9847.9
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -8623.2
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -8563.0
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -11745.
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -11494.
```

0.00000E+00 0.00000E+00 0.00000E+00
846 0 0 0.00000E+00 0.00000E+00 -8352.2
0.00000E+00 0.00000E+00 0.00000E+00
847 0 0 0.00000E+00 0.00000E+00 -9526.7
0.00000E+00 0.00000E+00 0.00000E+00
848 0 0 0.00000E+00 0.00000E+00 -6003.1
0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 226
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 505

CDM_TRsx - Fz (My) @ 5 - Negative - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -238.25 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -812.09 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -684.00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2076.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12818. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9355.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -876.99 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -791.59 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -704.49 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -689.12 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -806.96 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -919.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -930.78 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -724.99 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -812.09 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -684.00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -709.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -941.03 | | | |

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      0.00000E+00   0.00000E+00   0.00000E+00
      502        0        0   0.00000E+00   0.00000E+00   -1093.0
      0.00000E+00   0.00000E+00   0.00000E+00
      503        0        0   0.00000E+00   0.00000E+00   -924.81
      0.00000E+00   0.00000E+00   0.00000E+00
      504        0        0   0.00000E+00   0.00000E+00   -676.31
      0.00000E+00   0.00000E+00   0.00000E+00
      505        0        0   0.00000E+00   0.00000E+00   -171.64
      0.00000E+00   0.00000E+00   0.00000E+00
      526        0        0   0.00000E+00   0.00000E+00   -715.38
      0.00000E+00   0.00000E+00   0.00000E+00
      527        0        0   0.00000E+00   0.00000E+00   -1747.3
      0.00000E+00   0.00000E+00   0.00000E+00
      528        0        0   0.00000E+00   0.00000E+00   -2228.5
      0.00000E+00   0.00000E+00   0.00000E+00
      529        0        0   0.00000E+00   0.00000E+00   -1981.4
      0.00000E+00   0.00000E+00   0.00000E+00
      530        0        0   0.00000E+00   0.00000E+00   -1993.3
      0.00000E+00   0.00000E+00   0.00000E+00
      531        0        0   0.00000E+00   0.00000E+00   -1749.4
      0.00000E+00   0.00000E+00   0.00000E+00
      532        0        0   0.00000E+00   0.00000E+00   -2136.4
      0.00000E+00   0.00000E+00   0.00000E+00
      533        0        0   0.00000E+00   0.00000E+00   -1782.0
      0.00000E+00   0.00000E+00   0.00000E+00
      534        0        0   0.00000E+00   0.00000E+00   -2543.5
      0.00000E+00   0.00000E+00   0.00000E+00
      535        0        0   0.00000E+00   0.00000E+00   -1802.0
      0.00000E+00   0.00000E+00   0.00000E+00
      536        0        0   0.00000E+00   0.00000E+00   -1507.7
      0.00000E+00   0.00000E+00   0.00000E+00
      537        0        0   0.00000E+00   0.00000E+00   -4279.9
      0.00000E+00   0.00000E+00   0.00000E+00
      538        0        0   0.00000E+00   0.00000E+00   -5139.1
      0.00000E+00   0.00000E+00   0.00000E+00
      539        0        0   0.00000E+00   0.00000E+00   -4328.5
      0.00000E+00   0.00000E+00   0.00000E+00
      540        0        0   0.00000E+00   0.00000E+00   -9373.4
      0.00000E+00   0.00000E+00   0.00000E+00
      541        0        0   0.00000E+00   0.00000E+00   -47946.
      0.00000E+00   0.00000E+00   0.00000E+00
      542        0        0   0.00000E+00   0.00000E+00   -35834.
      0.00000E+00   0.00000E+00   0.00000E+00
      543        0        0   0.00000E+00   0.00000E+00   -6917.0
      0.00000E+00   0.00000E+00   0.00000E+00
      544        0        0   0.00000E+00   0.00000E+00   -5549.8
      0.00000E+00   0.00000E+00   0.00000E+00
      545        0        0   0.00000E+00   0.00000E+00   -5009.4
      0.00000E+00   0.00000E+00   0.00000E+00
      546        0        0   0.00000E+00   0.00000E+00   -4458.2
      0.00000E+00   0.00000E+00   0.00000E+00
      547        0        0   0.00000E+00   0.00000E+00   -4360.9
      0.00000E+00   0.00000E+00   0.00000E+00
      548        0        0   0.00000E+00   0.00000E+00   -5106.7
      0.00000E+00   0.00000E+00   0.00000E+00
      549        0        0   0.00000E+00   0.00000E+00   -4279.9
      0.00000E+00   0.00000E+00   0.00000E+00
      550        0        0   0.00000E+00   0.00000E+00   -5820.0
      0.00000E+00   0.00000E+00   0.00000E+00
      551        0        0   0.00000E+00   0.00000E+00   -6917.0
      0.00000E+00   0.00000E+00   0.00000E+00
      552        0        0   0.00000E+00   0.00000E+00   -5890.2
      0.00000E+00   0.00000E+00   0.00000E+00
      553        0        0   0.00000E+00   0.00000E+00   -4587.9
      0.00000E+00   0.00000E+00   0.00000E+00
      554        0        0   0.00000E+00   0.00000E+00   -4279.9
      0.00000E+00   0.00000E+00   0.00000E+00
      555        0        0   0.00000E+00   0.00000E+00   -5139.1
      0.00000E+00   0.00000E+00   0.00000E+00
      556        0        0   0.00000E+00   0.00000E+00   -4328.5
      0.00000E+00   0.00000E+00   0.00000E+00
      557        0        0   0.00000E+00   0.00000E+00   -4490.6
      0.00000E+00   0.00000E+00   0.00000E+00
```

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       558        0        0   0.00000E+00   0.00000E+00   -5955.1
0.00000E+00   0.00000E+00   0.00000E+00
       559        0        0   0.00000E+00   0.00000E+00   -6917.0
0.00000E+00   0.00000E+00   0.00000E+00
       560        0        0   0.00000E+00   0.00000E+00   -5852.4
0.00000E+00   0.00000E+00   0.00000E+00
       561        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
       562        0        0   0.00000E+00   0.00000E+00   -1086.2
0.00000E+00   0.00000E+00   0.00000E+00
       583        0        0   0.00000E+00   0.00000E+00   -219.00
0.00000E+00   0.00000E+00   0.00000E+00
       584        0        0   0.00000E+00   0.00000E+00   -534.88
0.00000E+00   0.00000E+00   0.00000E+00
       585        0        0   0.00000E+00   0.00000E+00   -682.20
0.00000E+00   0.00000E+00   0.00000E+00
       586        0        0   0.00000E+00   0.00000E+00   -606.55
0.00000E+00   0.00000E+00   0.00000E+00
       587        0        0   0.00000E+00   0.00000E+00   -610.20
0.00000E+00   0.00000E+00   0.00000E+00
       588        0        0   0.00000E+00   0.00000E+00   -535.54
0.00000E+00   0.00000E+00   0.00000E+00
       589        0        0   0.00000E+00   0.00000E+00   -654.00
0.00000E+00   0.00000E+00   0.00000E+00
       590        0        0   0.00000E+00   0.00000E+00   -682.73
0.00000E+00   0.00000E+00   0.00000E+00
       591        0        0   0.00000E+00   0.00000E+00   -4209.2
0.00000E+00   0.00000E+00   0.00000E+00
       592        0        0   0.00000E+00   0.00000E+00   -3570.5
0.00000E+00   0.00000E+00   0.00000E+00
       593        0        0   0.00000E+00   0.00000E+00   -1929.4
0.00000E+00   0.00000E+00   0.00000E+00
       594        0        0   0.00000E+00   0.00000E+00   -5479.1
0.00000E+00   0.00000E+00   0.00000E+00
       595        0        0   0.00000E+00   0.00000E+00   -6562.1
0.00000E+00   0.00000E+00   0.00000E+00
       596        0        0   0.00000E+00   0.00000E+00   -5554.4
0.00000E+00   0.00000E+00   0.00000E+00
       597        0        0   0.00000E+00   0.00000E+00   -23845.
0.00000E+00   0.00000E+00   0.00000E+00
       598        0        0   0.00000E+00   0.00000E+00  -0.10297E+06
0.00000E+00   0.00000E+00   0.00000E+00
       599        0        0   0.00000E+00   0.00000E+00   -67980.
0.00000E+00   0.00000E+00   0.00000E+00
       600        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
       601        0        0   0.00000E+00   0.00000E+00   -7122.8
0.00000E+00   0.00000E+00   0.00000E+00
       602        0        0   0.00000E+00   0.00000E+00   -6339.1
0.00000E+00   0.00000E+00   0.00000E+00
       603        0        0   0.00000E+00   0.00000E+00   -5777.4
0.00000E+00   0.00000E+00   0.00000E+00
       604        0        0   0.00000E+00   0.00000E+00   -5560.5
0.00000E+00   0.00000E+00   0.00000E+00
       605        0        0   0.00000E+00   0.00000E+00   -6488.1
0.00000E+00   0.00000E+00   0.00000E+00
       606        0        0   0.00000E+00   0.00000E+00   -5547.0
0.00000E+00   0.00000E+00   0.00000E+00
       607        0        0   0.00000E+00   0.00000E+00   -7413.9
0.00000E+00   0.00000E+00   0.00000E+00
       608        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
       609        0        0   0.00000E+00   0.00000E+00   -7448.0
0.00000E+00   0.00000E+00   0.00000E+00
       610        0        0   0.00000E+00   0.00000E+00   -6000.3
0.00000E+00   0.00000E+00   0.00000E+00
       611        0        0   0.00000E+00   0.00000E+00   -5479.1
0.00000E+00   0.00000E+00   0.00000E+00
       612        0        0   0.00000E+00   0.00000E+00   -6427.9
0.00000E+00   0.00000E+00   0.00000E+00
       613        0        0   0.00000E+00   0.00000E+00   -5688.6
0.00000E+00   0.00000E+00   0.00000E+00
       614        0        0   0.00000E+00   0.00000E+00   -5690.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7600.9
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7512.9
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5537.0
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2273.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6.4258
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -144.72
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -3618.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3183.8
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1698.3
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4829.8
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5730.2
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4937.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -29312.
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -91804.
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -52248.
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6335.4
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5352.7
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -5314.8
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4830.2
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5561.9
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5105.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6418.1
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6270.6
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5692.4
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4829.8
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5185.2
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5482.2
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4830.9
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6627.5
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6687.8
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5064.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
676        0        0   0.00000E+00   0.00000E+00   -4812.1
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -26.089
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00  -0.79517
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -19.879
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.494
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4226.6
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10256.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10529.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9510.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00  -0.10905E+06
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00  -0.19324E+06
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -63888.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12569.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10528.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9770.7
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10342.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10327.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9626.7
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -13070.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15258.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12796.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10031.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10084.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10325.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9886.6
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10428.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12596.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12739.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9986.8
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10342.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9436.8
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1871.9
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9470.3
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21475.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
766       0       0   0.00000E+00   0.00000E+00   -20408.
0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00  -0.12267E+06
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00  -0.14522E+06
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -28337.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -25432.
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -21208.
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -21742.
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -20141.
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -26810.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -30678.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -26277.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -20941.
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -20941.
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -22008.
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -24898.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -25210.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -20141.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -21742.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -5735.5
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -4177.1
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -9472.1
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -9001.4
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00  -0.10018E+06
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00  -0.12197E+06
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -13815.
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -11217.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9354.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9589.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8883.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11825. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13532. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11590. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9236.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9236.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9707.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10982. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13492. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11119. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8883.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9589.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 225
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 506

CDM_TRsx - Fz (My) @ 10 (-X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -339.09 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -764.57 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -733.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -795.51 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -702.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

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485        0        0   0.00000E+00   0.00000E+00   -2273.6
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -16406.
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -6087.5
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -782.62
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -746.52
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -751.68
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -937.34
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -954.10
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -689.79
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -697.52
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -800.67
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -728.47
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -928.31
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -924.44
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -171.48
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -285.64
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1523.4
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1682.1
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2348.6
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1848.8
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -2094.7
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1737.7
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2070.9
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1831.9
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2521.6
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1810.5
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2145.9
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4838.4
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -4642.6
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5034.2
```

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0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4446.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -10619.
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -61606.
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -24201.
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4952.6
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4724.1
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4756.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5931.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -6037.8
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4365.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4414.1
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5066.8
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4609.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5874.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5850.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1085.2
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -87.442
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -466.36
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -514.94
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -718.97
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -565.95
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -641.24
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -531.94
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -633.96
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -698.00
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4202.5
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3573.1
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2569.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -6039.7
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -6063.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
596        0        0   0.00000E+00   0.00000E+00   -5517.4
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6261.2
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5868.7
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -18251.
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00  -0.13175E+06
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -48918.
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6282.1
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5610.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5925.0
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -6137.0
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5558.9
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7526.1
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8851.8
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7596.1
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5776.8
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5613.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6355.3
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5651.7
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5810.4
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7520.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8851.8
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7510.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5548.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2272.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6.4258
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -144.72
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -3618.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3183.8
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1701.8
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4832.8
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5727.5
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4937.1
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -4935.4
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5732.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -15989.
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00  -0.11733E+06
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      0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -43502.
      0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5352.3
      0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -5313.9
      0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4832.2
      0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5560.0
      0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5105.2
      0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6418.7
      0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7783.7
      0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6271.4
      0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5691.2
      0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4830.5
      0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5184.8
      0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5482.0
      0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4831.6
      0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6627.1
      0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.7
      0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6687.8
      0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5064.6
      0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4812.1
      0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4806.2
      0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -26.089
      0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00  -0.79517
      0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -19.879
      0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.494
      0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4226.6
      0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10256.
      0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10529.
      0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9510.8
      0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -10671.
      0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -10188.
      0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -33297.
      0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00  -0.24821E+06
      0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -91614.
      0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10528.
      0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9770.7
      0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10342.
      0.00000E+00   0.00000E+00   0.00000E+00
```

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719        0        0   0.00000E+00   0.00000E+00   -10327.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9626.7
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -13070.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15258.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12796.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10031.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10084.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10325.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9886.6
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10428.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12596.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12739.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9986.8
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10342.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9436.8
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1871.9
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9470.3
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21475.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20408.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22542.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19341.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -39780.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00  -0.19079E+06
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -79787.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21208.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -21742.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -20141.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -26810.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -30678.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -26277.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -20941.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -20941.
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18941.
      0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -22008.
      0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -24898.
      0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30590.
      0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25210.
      0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -20141.
      0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -21742.
      0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18941.
      0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -5735.5
      0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4177.1
      0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -9472.1
      0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -9001.4
      0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -8354.3
      0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -9942.8
      0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -8530.8
      0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -24128.
      0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00  -0.15787E+06
      0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -60202.
      0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -9354.4
      0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -8354.3
      0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -9589.8
      0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -8883.8
      0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -8354.3
      0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -11825.
      0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -13532.
      0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -11590.
      0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -8354.3
      0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -9236.8
      0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -9236.8
      0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -8354.3
      0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -9707.4
      0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -10982.
      0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -13492.
      0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -11119.
      0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -8883.8
      0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -9589.8
      0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 227
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 507

CDM_TRsx - Fz (My) @ 10 (+X) - Negative - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -339.09 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -764.57 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -733.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -795.51 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -702.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -906.39 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5194.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14974. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4474.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -746.52 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -751.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -937.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -954.10 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -689.79 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -697.52 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -800.67 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -728.47 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -928.31 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
503        0        0   0.00000E+00   0.00000E+00   -924.44
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -171.48
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -285.64
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1523.4
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1682.1
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2348.6
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1848.8
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -2094.7
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1737.7
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2070.9
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1831.9
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2521.6
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1810.5
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2145.9
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4838.4
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -4642.6
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5034.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4446.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5735.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -21567.
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -55939.
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -18136.
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4724.1
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4756.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5931.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -6037.8
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4365.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4414.1
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5066.8
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4609.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5874.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -5850.1
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -1085.2
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -87.442
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -466.36
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -514.94
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -718.97
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -565.95
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -641.24
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -531.94
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -633.96
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -698.00
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -4202.5
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -3573.1
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -2569.9
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -6039.7
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -6063.8
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -5517.4
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -6261.2
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -5868.7
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -7278.1
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -71352.
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00  -0.10355E+06
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -23028.
0.00000E+00   0.00000E+00   0.00000E+00
603       0       0   0.00000E+00   0.00000E+00   -5610.3
0.00000E+00   0.00000E+00   0.00000E+00
604       0       0   0.00000E+00   0.00000E+00   -5925.0
0.00000E+00   0.00000E+00   0.00000E+00
605       0       0   0.00000E+00   0.00000E+00   -6137.0
0.00000E+00   0.00000E+00   0.00000E+00
606       0       0   0.00000E+00   0.00000E+00   -5558.9
0.00000E+00   0.00000E+00   0.00000E+00
607       0       0   0.00000E+00   0.00000E+00   -7526.1
0.00000E+00   0.00000E+00   0.00000E+00
608       0       0   0.00000E+00   0.00000E+00   -8851.8
0.00000E+00   0.00000E+00   0.00000E+00
609       0       0   0.00000E+00   0.00000E+00   -7596.1
0.00000E+00   0.00000E+00   0.00000E+00
610       0       0   0.00000E+00   0.00000E+00   -5776.8
0.00000E+00   0.00000E+00   0.00000E+00
611       0       0   0.00000E+00   0.00000E+00   -5613.9
0.00000E+00   0.00000E+00   0.00000E+00
612       0       0   0.00000E+00   0.00000E+00   -6355.3
0.00000E+00   0.00000E+00   0.00000E+00
613       0       0   0.00000E+00   0.00000E+00   -5651.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
614        0        0   0.00000E+00   0.00000E+00   -5810.4
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7520.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8851.8
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7510.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5548.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2272.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6.4258
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -144.72
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -3618.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3183.8
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1701.8
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4832.8
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5727.5
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4937.1
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -4935.4
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5732.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6208.9
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -97469.
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -73011.
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5481.2
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -5313.9
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4832.2
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5560.0
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5105.2
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6418.7
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6271.4
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5691.2
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4830.5
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5184.8
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5482.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4831.6
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6627.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6687.8
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5064.6
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4812.1
      0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4806.2
      0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -26.089
      0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00  -0.79517
      0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -19.879
      0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.494
      0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4226.6
      0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10256.
      0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10529.
      0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9510.8
      0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -10671.
      0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -10188.
      0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12495.
      0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00  -0.20660E+06
      0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00  -0.15402E+06
      0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10528.
      0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9770.7
      0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10342.
      0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10327.
      0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9626.7
      0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -13070.
      0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15258.
      0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12796.
      0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10031.
      0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10084.
      0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10325.
      0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9886.6
      0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10428.
      0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12596.
      0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15229.
      0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12739.
      0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9986.8
      0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10342.
      0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9436.8
      0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1871.9
      0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9470.3
      0.00000E+00   0.00000E+00   0.00000E+00
```

```
765        0        0   0.00000E+00   0.00000E+00   -21475.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20408.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22542.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19341.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25476.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00  -0.16219E+06
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00  -0.12270E+06
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21208.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -21742.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -20141.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -26810.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -30678.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -26277.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -20941.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -20941.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -22008.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -24898.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25210.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -20141.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -21742.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -5735.5
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4177.1
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -9472.1
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -9001.4
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -9942.8
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -8530.8
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00  -0.13209E+06
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -98874.
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9354.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9589.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8883.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11825. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13532. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11590. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9236.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9236.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9707.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10982. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13492. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11119. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8883.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9589.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 227
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 508

CDM_TRsx - Fz (My) @ 16 (-X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | | |
| FORCE | FORCE | FORCE | | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | | |
| MX | MY | MZ | | | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -339.09 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -764.57 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -733.62 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -795.51 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -702.68 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -906.39
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -892.21
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -782.62
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -8881.3
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -12778.
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -2392.3
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -937.34
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -954.10
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -689.79
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -697.52
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -800.67
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -728.47
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -928.31
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -924.44
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -171.48
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -125.11
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1722.7
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1780.5
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1799.7
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1758.0
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2181.5
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1921.6
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -2059.6
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1799.7
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1992.2
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1889.9
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2494.5
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1819.8
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2145.9
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4838.4
0.00000E+00   0.00000E+00   0.00000E+00
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538        0        0   0.00000E+00   0.00000E+00   -4642.6
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5034.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4446.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5735.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5646.1
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4952.6
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -33589.
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -47693.
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -10616.
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5931.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -6037.8
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4365.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4414.1
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5066.8
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4609.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5874.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5850.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1085.2
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -38.300
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -527.36
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -545.04
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -550.93
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -538.17
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -667.80
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -588.25
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -630.48
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -550.93
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -609.86
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -715.75
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4194.2
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3576.0
 0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2569.9
 0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -6039.7
 0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -6063.8
 0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5517.4
 0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6261.2
 0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5868.7
 0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7278.1
 0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8851.8
 0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7219.5
 0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6282.1
 0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -71450.
 0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00  -0.10249E+06
 0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -19305.
 0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5558.9
 0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7526.1
 0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8851.8
 0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7596.1
 0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5776.8
 0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5613.9
 0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6355.3
 0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5651.7
 0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5810.4
 0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7520.2
 0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8851.8
 0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7510.6
 0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5548.9
 0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2272.9
 0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1183.8
 0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6.4258
 0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -144.72
 0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -3618.0
 0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3183.8
 0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1701.8
 0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4832.8
 0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5727.5
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
653        0        0   0.00000E+00   0.00000E+00   -4937.1
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -4935.4
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5732.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6208.9
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6335.9
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5352.3
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -63997.
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -90901.
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -17297.
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5105.2
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6418.7
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6271.4
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5691.2
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4830.5
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5184.8
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5482.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4831.6
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6627.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6687.8
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5064.6
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4812.1
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -26.089
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00  -0.79517
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -19.879
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.494
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -3318.8
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -11313.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9527.0
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -9887.2
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -10953.
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12241.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15226.
```

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0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12215.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -11032.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00  -0.13462E+06
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00  -0.19285E+06
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -35817.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9610.8
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -12814.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12972.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10090.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -9774.4
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10616.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9870.7
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10203.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12747.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12764.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9914.9
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10396.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1871.3
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -6661.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -22835.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18991.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -20118.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -21709.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -24691.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24338.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -22769.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00  -0.10488E+06
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00  -0.14593E+06
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -38940.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -26017.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       779        0        0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -26824.
0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -19123.
0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -19985.
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -21841.
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -21311.
0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -25365.
0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -25288.
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -19919.
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       790        0        0   0.00000E+00   0.00000E+00   -21907.
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -5733.7
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -2938.3
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -8332.6
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -10072.
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -8376.4
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -8873.5
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -9575.1
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -10891.
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -13488.
0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -10735.
0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -10043.
0.00000E+00   0.00000E+00   0.00000E+00
       831        0        0   0.00000E+00   0.00000E+00   -85749.
0.00000E+00   0.00000E+00   0.00000E+00
       832        0        0   0.00000E+00   0.00000E+00  -0.12228E+06
0.00000E+00   0.00000E+00   0.00000E+00
       833        0        0   0.00000E+00   0.00000E+00   -25073.
0.00000E+00   0.00000E+00   0.00000E+00
       834        0        0   0.00000E+00   0.00000E+00   -8332.6
0.00000E+00   0.00000E+00   0.00000E+00
       835        0        0   0.00000E+00   0.00000E+00   -11476.
0.00000E+00   0.00000E+00   0.00000E+00
       836        0        0   0.00000E+00   0.00000E+00   -13488.
0.00000E+00   0.00000E+00   0.00000E+00
       837        0        0   0.00000E+00   0.00000E+00   -11831.
0.00000E+00   0.00000E+00   0.00000E+00
       838        0        0   0.00000E+00   0.00000E+00   -8434.9
0.00000E+00   0.00000E+00   0.00000E+00
       839        0        0   0.00000E+00   0.00000E+00   -8815.0
0.00000E+00   0.00000E+00   0.00000E+00
       840        0        0   0.00000E+00   0.00000E+00   -9633.6
0.00000E+00   0.00000E+00   0.00000E+00
       841        0        0   0.00000E+00   0.00000E+00   -8332.6
0.00000E+00   0.00000E+00   0.00000E+00
       842        0        0   0.00000E+00   0.00000E+00   -9399.7
0.00000E+00   0.00000E+00   0.00000E+00
       843        0        0   0.00000E+00   0.00000E+00   -11188.
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13488. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11154. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8785.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9662.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 231
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 509

CDM_TRsx - Fz (My) @ 16 (+X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -339.09 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -764.57 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -733.62 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -795.51 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -702.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -906.39 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -892.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -782.62 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9633.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12783. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1635.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -937.34 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -954.10 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -689.79 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -697.52 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -800.67 | |

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0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -728.47
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -928.31
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -924.44
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -171.48
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -620.91
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1813.1
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2081.3
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1584.6
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1741.9
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2238.6
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1970.4
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -2001.8
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1748.5
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2131.0
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1786.2
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2541.7
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1802.7
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2145.9
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4838.4
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -4642.6
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5034.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4446.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5735.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5646.1
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4952.6
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -36462.
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -47726.
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -7709.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5931.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
```

```
552        0        0   0.00000E+00   0.00000E+00   -6037.8
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4365.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4414.1
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5066.8
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4609.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5874.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5850.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1085.2
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -190.07
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -555.02
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -637.13
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -485.07
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -533.22
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -685.28
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -603.17
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -612.80
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -535.25
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -652.34
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -684.01
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4208.6
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3570.8
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2569.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -6039.7
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -6063.8
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5517.4
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6261.2
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5868.7
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7278.1
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8851.8
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7219.5
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6282.1
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5610.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -77251.
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00  -0.10270E+06
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -13240.
      0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7526.1
      0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8851.8
      0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7596.1
      0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5776.8
      0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5613.9
      0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6355.3
      0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5651.7
      0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5810.4
      0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7520.2
      0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8851.8
      0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7510.6
      0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5548.9
      0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2272.9
      0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1183.8
      0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6.4258
      0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -144.72
      0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -3618.0
      0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3183.8
      0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1701.8
      0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4832.8
      0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5727.5
      0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4937.1
      0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -4935.4
      0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5732.2
      0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6208.9
      0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7783.7
      0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6335.9
      0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5352.3
      0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -5313.9
      0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -68406.
      0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -91629.
      0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -11952.
      0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6418.7
      0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7783.7
      0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6271.4
      0.00000E+00   0.00000E+00   0.00000E+00
```

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667        0        0   0.00000E+00   0.00000E+00   -5691.2
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4830.5
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5184.8
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5482.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4831.6
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6627.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6687.8
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5064.6
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4812.1
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -26.089
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00  -0.79517
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -19.879
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.494
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -3318.8
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -11313.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9527.0
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -9887.2
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -10953.
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12241.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12215.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -11032.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9808.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00  -0.14501E+06
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00  -0.19391E+06
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -24172.
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -12814.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12972.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10090.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -9774.4
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10616.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9870.7
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10203.
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12747.
      0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15226.
      0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12764.
      0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9914.9
      0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10396.
      0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9420.9
      0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1871.3
      0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -6661.7
      0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -18891.
      0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -22835.
      0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18991.
      0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -20118.
      0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -21709.
      0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -24691.
      0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30580.
      0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24338.
      0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -22769.
      0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -19057.
      0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00  -0.11303E+06
      0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00  -0.14765E+06
      0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -28904.
      0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -26017.
      0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -30580.
      0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -26824.
      0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19123.
      0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19985.
      0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -21841.
      0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18891.
      0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -21311.
      0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -25365.
      0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30580.
      0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25288.
      0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -19919.
      0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -21907.
      0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18891.
      0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -5733.7
      0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 821 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2938.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 822 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 823 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10072. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 824 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8376.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 825 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8873.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9575.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10891. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13488. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10735. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10043. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8405.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -92633. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.12304E+06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -17356. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11476. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13488. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11831. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8434.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8815.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9633.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9399.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11188. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13488. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11154. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8785.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9662.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 231
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 510

CDM_TRsx - Fz (My) @ 20 - Negative - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -337.20 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -772.39 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -721.49 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.23 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -815.65 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -674.41 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -917.45 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1092.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -938.23 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.85 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -685.86 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -808.02 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4092.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12768. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7348.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1092.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -909.82 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -693.50 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -800.38 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -674.41 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -744.39 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -749.48 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -891.15 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1092.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -885.64 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -620.96 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1541.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1976.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2216.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1843.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2091.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1955.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2109.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1922.9 | | | |

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0.00000E+00   0.00000E+00   0.00000E+00
524       0       0   0.00000E+00   0.00000E+00   -1895.4
0.00000E+00   0.00000E+00   0.00000E+00
525       0       0   0.00000E+00   0.00000E+00   -2004.6
0.00000E+00   0.00000E+00   0.00000E+00
526       0       0   0.00000E+00   0.00000E+00   -1610.4
0.00000E+00   0.00000E+00   0.00000E+00
527       0       0   0.00000E+00   0.00000E+00   -1767.0
0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -2191.6
0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -2021.8
0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -1962.1
0.00000E+00   0.00000E+00   0.00000E+00
531       0       0   0.00000E+00   0.00000E+00   -1762.0
0.00000E+00   0.00000E+00   0.00000E+00
532       0       0   0.00000E+00   0.00000E+00   -2138.0
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -1907.8
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -2696.0
0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -1794.7
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -2133.9
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -4887.9
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -4565.8
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -4292.0
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -5161.6
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -4267.8
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -5805.8
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -6914.4
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -5937.4
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -4517.4
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -4340.3
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -5113.3
0.00000E+00   0.00000E+00   0.00000E+00
548       0       0   0.00000E+00   0.00000E+00   -16475.
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -47631.
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -28790.
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -6914.4
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -5757.5
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -4388.6
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -5065.0
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -4267.8
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -4710.7
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -4742.9
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -5639.4
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -6914.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
560        0        0   0.00000E+00   0.00000E+00   -5604.5
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -3929.6
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -471.83
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -605.08
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -678.56
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -564.45
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -640.39
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -598.53
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -645.71
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -588.64
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -580.23
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -613.65
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -492.97
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -540.93
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -670.90
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -618.92
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -600.66
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -539.38
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -654.50
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1516.7
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -5135.0
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3540.4
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2557.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -6089.3
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -5986.7
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5517.7
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6389.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5689.1
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7348.4
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8847.2
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7511.8
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -5845.4
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5659.0
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -6315.6
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -21152.
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -74824.
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -85250.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22206.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7314.9
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5800.3
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -6267.1
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5553.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -6072.2
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5943.9
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7284.1
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8847.2
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7264.1
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5185.5
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6.4258
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -983.64
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -4545.1
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3154.4
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1701.7
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4833.1
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5727.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4937.1
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -4936.1
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5731.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6209.3
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6337.6
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5349.9
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -5314.2
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4834.3
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5676.6
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -34726.
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00  -0.10592E+06
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -35036.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6269.9
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5691.3
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4834.1
0.00000E+00   0.00000E+00   0.00000E+00
```

```
669        0        0   0.00000E+00   0.00000E+00   -5180.4
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5484.4
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4832.3
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6625.8
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6686.5
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5062.6
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -26.089
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5.4046
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -24.973
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.332
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -3318.8
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -11313.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9527.0
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -9887.2
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -10953.
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12241.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12215.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -11032.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9808.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -9795.8
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10855.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -72015.
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00  -0.22499E+06
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -73470.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12972.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10090.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -9774.4
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10616.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9870.7
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10203.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12747.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15226.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12764.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9914.9
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10396.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1871.3
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -6661.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -22835.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18991.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -20118.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -21709.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -24691.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24338.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -22769.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -19057.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -20051.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -21775.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -61803.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00  -0.17192E+06
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -70631.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -26824.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19123.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19985.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -21841.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -21311.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -25365.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25288.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -19919.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -21907.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -5733.7
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -2938.3
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -8332.6
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 823 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10072. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 824 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8376.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 825 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8873.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9575.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10891. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13488. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10735. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10043. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8405.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8844.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9604.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47004. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.14296E+06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -49582. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11831. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8434.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8815.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9633.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9399.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11188. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13488. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11154. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8785.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9662.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 243
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 511

CDM_TRsx - Fz (My) @ 22 (-X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | |
|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE |
| FORCE | FORCE | FORCE | | | |

| NODE | NODE | RNCE | FX | FY | FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1291.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1609.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -727.55 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -809.53 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -686.56 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -912.00 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -915.41 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -748.04 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -789.03 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -707.05 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -686.56 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -16269. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7655.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -932.49 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -768.54 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -727.55 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -809.53 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -874.42 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -891.50 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -71.730 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -22.649 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1816.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1817.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2257.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1794.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 524 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2024.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 525 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1884.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 526 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1650.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1806.3 |

```
0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -2117.7
0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -2102.2
0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -1899.7
0.00000E+00   0.00000E+00   0.00000E+00
531       0       0   0.00000E+00   0.00000E+00   -1806.3
0.00000E+00   0.00000E+00   0.00000E+00
532       0       0   0.00000E+00   0.00000E+00   -2102.2
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -1849.3
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -2621.2
0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -1805.1
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -2431.8
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -5121.0
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -4604.1
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -5122.9
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -4344.7
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -5771.3
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -6917.0
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -5793.0
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -4733.8
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -4993.2
0.00000E+00   0.00000E+00   0.00000E+00
548       0       0   0.00000E+00   0.00000E+00   -4474.4
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -4344.7
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -60740.
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -30354.
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -5901.0
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -4863.5
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -4604.1
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -5122.9
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -5533.6
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -6917.0
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -5641.7
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -453.93
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -6.9335
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       577        0        0   0.00000E+00   0.00000E+00   -556.11
0.00000E+00   0.00000E+00   0.00000E+00
       578        0        0   0.00000E+00   0.00000E+00   -556.31
0.00000E+00   0.00000E+00   0.00000E+00
       579        0        0   0.00000E+00   0.00000E+00   -690.90
0.00000E+00   0.00000E+00   0.00000E+00
       580        0        0   0.00000E+00   0.00000E+00   -549.30
0.00000E+00   0.00000E+00   0.00000E+00
       581        0        0   0.00000E+00   0.00000E+00   -619.68
0.00000E+00   0.00000E+00   0.00000E+00
       582        0        0   0.00000E+00   0.00000E+00   -576.78
0.00000E+00   0.00000E+00   0.00000E+00
       583        0        0   0.00000E+00   0.00000E+00   -505.28
0.00000E+00   0.00000E+00   0.00000E+00
       584        0        0   0.00000E+00   0.00000E+00   -552.95
0.00000E+00   0.00000E+00   0.00000E+00
       585        0        0   0.00000E+00   0.00000E+00   -648.28
0.00000E+00   0.00000E+00   0.00000E+00
       586        0        0   0.00000E+00   0.00000E+00   -643.52
0.00000E+00   0.00000E+00   0.00000E+00
       587        0        0   0.00000E+00   0.00000E+00   -581.55
0.00000E+00   0.00000E+00   0.00000E+00
       588        0        0   0.00000E+00   0.00000E+00   -552.95
0.00000E+00   0.00000E+00   0.00000E+00
       589        0        0   0.00000E+00   0.00000E+00   -643.52
0.00000E+00   0.00000E+00   0.00000E+00
       590        0        0   0.00000E+00   0.00000E+00   -1106.4
0.00000E+00   0.00000E+00   0.00000E+00
       591        0        0   0.00000E+00   0.00000E+00   -4584.6
0.00000E+00   0.00000E+00   0.00000E+00
       592        0        0   0.00000E+00   0.00000E+00   -3640.1
0.00000E+00   0.00000E+00   0.00000E+00
       593        0        0   0.00000E+00   0.00000E+00   -2563.9
0.00000E+00   0.00000E+00   0.00000E+00
       594        0        0   0.00000E+00   0.00000E+00   -6064.9
0.00000E+00   0.00000E+00   0.00000E+00
       595        0        0   0.00000E+00   0.00000E+00   -6025.2
0.00000E+00   0.00000E+00   0.00000E+00
       596        0        0   0.00000E+00   0.00000E+00   -5505.6
0.00000E+00   0.00000E+00   0.00000E+00
       597        0        0   0.00000E+00   0.00000E+00   -6350.2
0.00000E+00   0.00000E+00   0.00000E+00
       598        0        0   0.00000E+00   0.00000E+00   -5766.3
0.00000E+00   0.00000E+00   0.00000E+00
       599        0        0   0.00000E+00   0.00000E+00   -7313.7
0.00000E+00   0.00000E+00   0.00000E+00
       600        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
       601        0        0   0.00000E+00   0.00000E+00   -7366.8
0.00000E+00   0.00000E+00   0.00000E+00
       602        0        0   0.00000E+00   0.00000E+00   -6062.5
0.00000E+00   0.00000E+00   0.00000E+00
       603        0        0   0.00000E+00   0.00000E+00   -5598.4
0.00000E+00   0.00000E+00   0.00000E+00
       604        0        0   0.00000E+00   0.00000E+00   -6195.0
0.00000E+00   0.00000E+00   0.00000E+00
       605        0        0   0.00000E+00   0.00000E+00   -5853.6
0.00000E+00   0.00000E+00   0.00000E+00
       606        0        0   0.00000E+00   0.00000E+00   -5612.1
0.00000E+00   0.00000E+00   0.00000E+00
       607        0        0   0.00000E+00   0.00000E+00   -96197.
0.00000E+00   0.00000E+00   0.00000E+00
       608        0        0   0.00000E+00   0.00000E+00   -92056.
0.00000E+00   0.00000E+00   0.00000E+00
       609        0        0   0.00000E+00   0.00000E+00   -11276.
0.00000E+00   0.00000E+00   0.00000E+00
       610        0        0   0.00000E+00   0.00000E+00   -5691.2
0.00000E+00   0.00000E+00   0.00000E+00
       611        0        0   0.00000E+00   0.00000E+00   -6064.9
0.00000E+00   0.00000E+00   0.00000E+00
       612        0        0   0.00000E+00   0.00000E+00   -5890.9
0.00000E+00   0.00000E+00   0.00000E+00
       613        0        0   0.00000E+00   0.00000E+00   -5639.8
```

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0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6325.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7177.9
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7301.4
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5537.0
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1639.3
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6.4258
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -569.84
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -3988.8
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3256.2
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1701.8
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4833.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5727.3
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4937.0
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -4935.9
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5731.6
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6209.1
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6336.8
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5351.1
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -5313.8
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4833.7
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5558.4
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5105.5
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -45885.
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00  -0.11702E+06
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -14057.
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5690.7
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4833.0
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5182.3
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5482.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4834.4
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6625.2
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6686.7
0.00000E+00   0.00000E+00   0.00000E+00
```

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675        0        0   0.00000E+00   0.00000E+00   -5064.6
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4808.7
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -26.089
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -3.1310
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -21.917
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.891
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -3318.8
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -11313.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9527.0
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -9887.2
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -10953.
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12241.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12215.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -11032.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9808.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -9795.8
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10855.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9610.8
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -96020.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.24820E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -29614.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10090.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -9774.4
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10616.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9870.7
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10203.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12747.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12764.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9914.9
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10396.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1871.3
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -6661.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
766       0       0   0.00000E+00   0.00000E+00   -22835.
0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -18991.
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -20118.
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -21709.
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -24691.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -24338.
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -22769.
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -19057.
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -20051.
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -21775.
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -83233.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00  -0.19078E+06
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -38267.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -19123.
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -19985.
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -21841.
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -21311.
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -25365.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -25288.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -19919.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -21907.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -5733.7
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -2938.3
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -8332.6
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -10072.
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -8376.4
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -8873.5
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -9575.1
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -10891.
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -13488.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10735. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10043. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8405.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8844.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9604.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -63038. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.15786E+06 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -22144. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8434.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8815.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9633.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9399.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11188. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13488. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11154. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8785.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9662.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 239
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 512

CDM_TRsx - Fz (My) @ 22 (+X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1280.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2260.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -806.06 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -809.53 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

```
484        0        0   0.00000E+00   0.00000E+00   -686.56
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -912.00
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1093.0
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -915.41
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -748.04
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -676.31
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -789.03
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -707.05
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -686.56
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -3690.8
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -16406.
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -4760.6
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -676.31
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -768.54
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -727.55
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -676.31
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -809.53
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -874.42
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1093.0
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -891.50
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -676.31
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -71.730
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1580.9
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1930.1
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2054.7
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2044.0
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1892.6
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2069.9
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1769.9
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1715.2
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1869.3
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1997.6
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2231.5
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1798.2
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1877.4
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2043.5
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1859.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2641.3
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1795.8
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2428.3
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5320.1
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -4628.1
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5122.9
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4344.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5771.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5793.0
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4733.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4993.2
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4474.4
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4344.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -15818.
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -61604.
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -19573.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4863.5
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4604.1
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5122.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5533.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -6917.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5641.7
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -453.93
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -483.93
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -590.83
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -628.99
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -625.72
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -579.38
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -633.64
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -541.80
0.00000E+00   0.00000E+00   0.00000E+00
```

```
583        0        0   0.00000E+00   0.00000E+00   -525.05
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -572.22
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -611.50
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -683.12
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -550.47
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -574.72
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -625.55
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1109.6
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4590.8
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3637.2
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2563.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -6064.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -6025.2
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5505.6
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6350.2
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5766.3
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7313.7
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7366.8
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6062.5
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5598.4
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -6195.0
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5853.6
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5612.1
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -29594.
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00  -0.13175E+06
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -38184.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5691.2
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -6064.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5890.9
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5639.8
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6325.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7177.9
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7301.4
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5537.0
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1639.3
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1183.8
      0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6.4258
      0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -569.84
      0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -3988.8
      0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3256.2
      0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1701.8
      0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4833.0
      0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5727.3
      0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4937.0
      0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -4935.9
      0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5731.6
      0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6209.1
      0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7783.6
      0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6336.8
      0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5351.1
      0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -5313.8
      0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4833.7
      0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5558.4
      0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5105.5
      0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -25980.
      0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00  -0.11733E+06
      0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -33656.
      0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5690.7
      0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4833.0
      0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5182.3
      0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5482.0
      0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4834.4
      0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6625.2
      0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.6
      0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6686.7
      0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5064.6
      0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4808.7
      0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4806.2
      0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -26.089
      0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -3.1310
      0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -21.917
      0.00000E+00   0.00000E+00   0.00000E+00
```

```
       706        0        0   0.00000E+00   0.00000E+00   -17.891
   0.00000E+00   0.00000E+00   0.00000E+00
       707        0        0   0.00000E+00   0.00000E+00   -2421.9
   0.00000E+00   0.00000E+00   0.00000E+00
       708        0        0   0.00000E+00   0.00000E+00   -9404.7
   0.00000E+00   0.00000E+00   0.00000E+00
       709        0        0   0.00000E+00   0.00000E+00   -10470.
   0.00000E+00   0.00000E+00   0.00000E+00
       710        0        0   0.00000E+00   0.00000E+00   -10352.
   0.00000E+00   0.00000E+00   0.00000E+00
       711        0        0   0.00000E+00   0.00000E+00   -9474.7
   0.00000E+00   0.00000E+00   0.00000E+00
       712        0        0   0.00000E+00   0.00000E+00   -10985.
   0.00000E+00   0.00000E+00   0.00000E+00
       713        0        0   0.00000E+00   0.00000E+00   -12352.
   0.00000E+00   0.00000E+00   0.00000E+00
       714        0        0   0.00000E+00   0.00000E+00   -15222.
   0.00000E+00   0.00000E+00   0.00000E+00
       715        0        0   0.00000E+00   0.00000E+00   -12419.
   0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -10423.
   0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -10399.
   0.00000E+00   0.00000E+00   0.00000E+00
       718        0        0   0.00000E+00   0.00000E+00   -9404.7
   0.00000E+00   0.00000E+00   0.00000E+00
       719        0        0   0.00000E+00   0.00000E+00   -11078.
   0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -9743.7
   0.00000E+00   0.00000E+00   0.00000E+00
       721        0        0   0.00000E+00   0.00000E+00   -54248.
   0.00000E+00   0.00000E+00   0.00000E+00
       722        0        0   0.00000E+00   0.00000E+00  -0.24820E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       723        0        0   0.00000E+00   0.00000E+00   -70979.
   0.00000E+00   0.00000E+00   0.00000E+00
       724        0        0   0.00000E+00   0.00000E+00   -10446.
   0.00000E+00   0.00000E+00   0.00000E+00
       725        0        0   0.00000E+00   0.00000E+00   -9468.6
   0.00000E+00   0.00000E+00   0.00000E+00
       726        0        0   0.00000E+00   0.00000E+00   -10903.
   0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -9854.5
   0.00000E+00   0.00000E+00   0.00000E+00
       728        0        0   0.00000E+00   0.00000E+00   -9979.7
   0.00000E+00   0.00000E+00   0.00000E+00
       729        0        0   0.00000E+00   0.00000E+00   -12895.
   0.00000E+00   0.00000E+00   0.00000E+00
       730        0        0   0.00000E+00   0.00000E+00   -15222.
   0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -12788.
   0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -9843.5
   0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -10448.
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -9404.7
   0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -1870.6
   0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -3886.9
   0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -18841.
   0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -20225.
   0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -21542.
   0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -18841.
   0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -21806.
   0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -25034.
```

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      0.00000E+00   0.00000E+00   0.00000E+00
      771        0        0   0.00000E+00   0.00000E+00   -30568.
      0.00000E+00   0.00000E+00   0.00000E+00
      772        0        0   0.00000E+00   0.00000E+00   -24968.
      0.00000E+00   0.00000E+00   0.00000E+00
      773      774        1   0.00000E+00   0.00000E+00   -20884.
      0.00000E+00   0.00000E+00   0.00000E+00
      775        0        0   0.00000E+00   0.00000E+00   -18841.
      0.00000E+00   0.00000E+00   0.00000E+00
      776        0        0   0.00000E+00   0.00000E+00   -22465.
      0.00000E+00   0.00000E+00   0.00000E+00
      777        0        0   0.00000E+00   0.00000E+00   -19303.
      0.00000E+00   0.00000E+00   0.00000E+00
      778        0        0   0.00000E+00   0.00000E+00   -54103.
      0.00000E+00   0.00000E+00   0.00000E+00
      779        0        0   0.00000E+00   0.00000E+00  -0.19077E+06
      0.00000E+00   0.00000E+00   0.00000E+00
      780        0        0   0.00000E+00   0.00000E+00   -66139.
      0.00000E+00   0.00000E+00   0.00000E+00
      781        0        0   0.00000E+00   0.00000E+00   -20225.
      0.00000E+00   0.00000E+00   0.00000E+00
      782        0        0   0.00000E+00   0.00000E+00   -19039.
      0.00000E+00   0.00000E+00   0.00000E+00
      783        0        0   0.00000E+00   0.00000E+00   -22728.
      0.00000E+00   0.00000E+00   0.00000E+00
      784        0        0   0.00000E+00   0.00000E+00   -18841.
      0.00000E+00   0.00000E+00   0.00000E+00
      785        0        0   0.00000E+00   0.00000E+00   -20620.
      0.00000E+00   0.00000E+00   0.00000E+00
      786        0        0   0.00000E+00   0.00000E+00   -25825.
      0.00000E+00   0.00000E+00   0.00000E+00
      787        0        0   0.00000E+00   0.00000E+00   -30568.
      0.00000E+00   0.00000E+00   0.00000E+00
      788        0        0   0.00000E+00   0.00000E+00   -25363.
      0.00000E+00   0.00000E+00   0.00000E+00
      789        0        0   0.00000E+00   0.00000E+00   -19698.
      0.00000E+00   0.00000E+00   0.00000E+00
      790        0        0   0.00000E+00   0.00000E+00   -22069.
      0.00000E+00   0.00000E+00   0.00000E+00
      791        0        0   0.00000E+00   0.00000E+00   -18841.
      0.00000E+00   0.00000E+00   0.00000E+00
      792        0        0   0.00000E+00   0.00000E+00   -5731.5
      0.00000E+00   0.00000E+00   0.00000E+00
      821        0        0   0.00000E+00   0.00000E+00   -1714.4
      0.00000E+00   0.00000E+00   0.00000E+00
      822        0        0   0.00000E+00   0.00000E+00   -8310.5
      0.00000E+00   0.00000E+00   0.00000E+00
      823        0        0   0.00000E+00   0.00000E+00   -8920.7
      0.00000E+00   0.00000E+00   0.00000E+00
      824        0        0   0.00000E+00   0.00000E+00   -9501.9
      0.00000E+00   0.00000E+00   0.00000E+00
      825        0        0   0.00000E+00   0.00000E+00   -8310.5
      0.00000E+00   0.00000E+00   0.00000E+00
      826        0        0   0.00000E+00   0.00000E+00   -9618.1
      0.00000E+00   0.00000E+00   0.00000E+00
      827        0        0   0.00000E+00   0.00000E+00   -11042.
      0.00000E+00   0.00000E+00   0.00000E+00
      828        0        0   0.00000E+00   0.00000E+00   -13483.
      0.00000E+00   0.00000E+00   0.00000E+00
      829        0        0   0.00000E+00   0.00000E+00   -11013.
      0.00000E+00   0.00000E+00   0.00000E+00
      830        0        0   0.00000E+00   0.00000E+00   -9211.3
      0.00000E+00   0.00000E+00   0.00000E+00
      831        0        0   0.00000E+00   0.00000E+00   -9211.3
      0.00000E+00   0.00000E+00   0.00000E+00
      832        0        0   0.00000E+00   0.00000E+00   -8310.5
      0.00000E+00   0.00000E+00   0.00000E+00
      833        0        0   0.00000E+00   0.00000E+00   -9908.7
      0.00000E+00   0.00000E+00   0.00000E+00
      834        0        0   0.00000E+00   0.00000E+00   -8513.9
      0.00000E+00   0.00000E+00   0.00000E+00
      835        0        0   0.00000E+00   0.00000E+00   -37027.
      0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.15786E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47601. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8920.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8397.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10025. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8310.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9095.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11391. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13483. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11187. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8688.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9734.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8310.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2528.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 239
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 513

CDM_TRsx - Fz (My) @ 28 - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
| FORCE MX | FORCE MY | FORCE MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1223.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2816.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2555.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2020.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -796.63 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -701.40 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -906.84 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -894.06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -779.88 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.04 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -749.90 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

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491        0        0   0.00000E+00   0.00000E+00   -748.13
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -678.04
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -938.58
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -957.54
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -4102.6
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -12734.
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -7220.6
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -678.04
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -734.91
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -924.04
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -921.83
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -305.51
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -182.80
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1818.5
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1968.1
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2115.3
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1934.9
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2148.5
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1993.4
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2147.6
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1841.8
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2183.9
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1835.2
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2248.2
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1789.6
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2045.7
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1864.1
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1657.3
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1812.8
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2105.4
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2115.5
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1889.3
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1813.6
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2096.2
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -2030.9
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0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2723.7
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1796.7
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2416.2
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5468.4
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -5197.5
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5041.3
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4438.6
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5738.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6918.8
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5657.8
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4935.2
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4290.8
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4745.5
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4734.4
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4290.8
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5939.6
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6918.8
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -6059.5
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -16540.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -47419.
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -27979.
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4290.8
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4650.7
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5847.5
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -6918.8
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5833.6
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1933.4
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -55.960
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -556.70
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -602.48
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -647.54
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -592.31
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -657.71
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -610.23
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -657.43
0.00000E+00   0.00000E+00   0.00000E+00
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576        0        0   0.00000E+00   0.00000E+00   -563.83
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -668.55
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -561.78
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -688.24
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -547.84
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -626.24
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -570.64
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -507.32
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -554.94
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -644.51
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -647.60
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -578.36
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -555.20
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -641.68
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -2249.1
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -5220.6
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3592.5
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2394.4
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -6038.6
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -5896.6
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5677.2
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6240.2
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5763.1
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7354.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8851.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7270.5
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6148.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5722.6
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5943.4
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -6014.5
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5654.5
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7502.2
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8851.1
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7605.6
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -26024.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00  -0.10224E+06
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -64997.
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0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5699.9
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5848.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7477.9
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8851.1
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7483.8
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -3197.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1180.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1180.7
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -8.5146
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1716.3
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -4626.5
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3208.7
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -991.29
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4820.3
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5061.2
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -5589.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -4821.4
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5336.6
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6507.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7781.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6495.6
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -4878.4
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -5773.7
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4819.8
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5153.9
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5497.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6289.8
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7781.6
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6221.3
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -15557.
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -91014.
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -65539.
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5681.5
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4819.2
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6565.8
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7781.6
0.00000E+00   0.00000E+00   0.00000E+00
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674        0        0   0.00000E+00   0.00000E+00   -6646.4
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5115.4
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4793.6
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4793.6
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -34.569
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -9.4302
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -25.420
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.630
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -675.49
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -8308.4
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10153.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9959.0
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -10515.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9990.2
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12676.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12639.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10261.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -10086.
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10280.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10098.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9895.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -12937.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15286.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12772.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -20535.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00  -0.13341E+06
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00  -0.16597E+06
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -53305.
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10398.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12569.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12713.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10024.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10339.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9426.6
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1877.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -15476.
0.00000E+00   0.00000E+00   0.00000E+00
766       0       0   0.00000E+00   0.00000E+00   -20666.
0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -22304.
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -19573.
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -25400.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -30589.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -25308.
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -21394.
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -21576.
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -20301.
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -26674.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -30771.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -26310.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -63760.
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00  -0.14691E+06
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -79013.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -21940.
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -24944.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -30589.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -25217.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -20119.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -21758.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -5735.4
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -6826.3
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -9115.1
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -8352.2
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -9837.9
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -8633.3
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -11203.
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -11163.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9436.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8352.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9516.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8954.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8352.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11765. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13572. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11605. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8352.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47867. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.12271E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -62493. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9677.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11002. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13492. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11123. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8874.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9597.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8352.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 251
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 514

CDM_TRsx - Fz (My) @ 34 (-X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1187.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2909.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2414.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2830.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2492.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2641.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
485        0        0   0.00000E+00   0.00000E+00   -2421.2
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1423.7
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -136.38
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -737.08
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -802.03
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -685.13
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -730.59
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -756.57
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -668.90
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -13536.
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -10394.
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -918.92
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -301.98
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -424.64
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1825.4
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2195.0
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -1898.3
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2139.9
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -1953.3
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2157.5
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -1999.0
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2007.6
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2022.5
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1974.9
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2118.4
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1817.6
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2136.4
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1766.6
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1694.1
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1848.8
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2036.9
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2189.4
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1831.4
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1854.3
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2062.7
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -2036.8
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2735.2
```

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0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -1791.4
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -2333.8
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -5728.9
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -4737.9
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -5588.2
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -4878.5
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -4749.2
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -1032.6
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -435.82
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -863.03
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -4664.5
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -5075.4
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -4335.7
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -4623.4
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -4787.7
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -4232.9
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -50984.
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -40148.
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -5815.2
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -1911.0
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -129.99
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -558.78
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -671.93
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -581.12
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -655.08
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -597.96
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -660.46
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -611.93
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -614.57
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -619.13
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -604.55
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -648.49
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -556.40
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -654.01
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -540.79
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -518.62
0.00000E+00   0.00000E+00   0.00000E+00
```

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584        0        0   0.00000E+00   0.00000E+00   -565.95
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -623.53
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -670.22
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -560.63
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -567.64
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -631.44
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -2250.9
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -5224.2
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3590.9
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2077.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -5102.7
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -4217.4
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -4979.7
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -4340.3
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -4155.9
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -307.39
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -1082.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -1227.3
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -1207.9
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -1401.2
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -1523.6
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -2773.1
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -6217.8
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -6456.3
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5598.0
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5828.7
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -6225.6
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5427.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -99097.
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -93038.
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7459.7
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -3183.8
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1178.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1178.9
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -9.6635
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1716.3
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -4626.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3208.7
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -11.417
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -28.037
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -23.172
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -27.361
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -23.848
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -22.835
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -1.6889
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4394.2
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4982.7
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4904.2
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5688.9
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6185.8
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7746.9
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6263.9
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5559.9
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5085.1
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4851.2
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5793.8
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4809.9
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -77048.
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -93754.
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6623.3
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5150.2
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4786.5
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4786.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -39.234
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -9.4302
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -25.420
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.630
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -2436.3
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9530.7
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10381.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -9427.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -11152.
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
722        0        0   0.00000E+00   0.00000E+00   -15206.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12177.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -11144.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -9606.6
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10031.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -10720.
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -9376.7
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00  -0.14238E+06
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00  -0.21887E+06
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12805.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9721.3
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10570.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9346.4
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1877.1
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -7537.4
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -20110.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -21486.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -18703.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -22362.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -24645.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -30525.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -24364.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -22675.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -18922.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -20736.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -20861.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -18797.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00  -0.10140E+06
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00  -0.18501E+06
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25552.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -19109.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -22487.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18703.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -5723.4
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3324.6
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -8870.2
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -9477.1
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8249.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9863.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10870. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13464. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10746. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10001. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8346.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9146.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9201.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8290.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -78950. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.15268E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11270. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8428.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9918.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8249.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2524.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 206
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 515

CDM_TRsx - Fz (My) @ 34 (+X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1198.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2880.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2442.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2791.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2359.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2081.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2304.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2324.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -194.24 | |

```
      0.00000E+00   0.00000E+00   0.00000E+00
496         0         0   0.00000E+00   0.00000E+00   -268.81
      0.00000E+00   0.00000E+00   0.00000E+00
497         0         0   0.00000E+00   0.00000E+00   -722.20
      0.00000E+00   0.00000E+00   0.00000E+00
498         0         0   0.00000E+00   0.00000E+00   -761.84
      0.00000E+00   0.00000E+00   0.00000E+00
499         0         0   0.00000E+00   0.00000E+00   -666.45
      0.00000E+00   0.00000E+00   0.00000E+00
500         0         0   0.00000E+00   0.00000E+00   -811.39
      0.00000E+00   0.00000E+00   0.00000E+00
501         0         0   0.00000E+00   0.00000E+00   -7981.5
      0.00000E+00   0.00000E+00   0.00000E+00
502         0         0   0.00000E+00   0.00000E+00   -15856.
      0.00000E+00   0.00000E+00   0.00000E+00
503         0         0   0.00000E+00   0.00000E+00   -882.00
      0.00000E+00   0.00000E+00   0.00000E+00
504         0         0   0.00000E+00   0.00000E+00   -624.34
      0.00000E+00   0.00000E+00   0.00000E+00
510         0         0   0.00000E+00   0.00000E+00   -184.28
      0.00000E+00   0.00000E+00   0.00000E+00
511         0         0   0.00000E+00   0.00000E+00   -1908.7
      0.00000E+00   0.00000E+00   0.00000E+00
512         0         0   0.00000E+00   0.00000E+00   -2013.3
      0.00000E+00   0.00000E+00   0.00000E+00
513         0         0   0.00000E+00   0.00000E+00   -2090.6
      0.00000E+00   0.00000E+00   0.00000E+00
514         0         0   0.00000E+00   0.00000E+00   -1933.6
      0.00000E+00   0.00000E+00   0.00000E+00
515         0         0   0.00000E+00   0.00000E+00   -2170.3
      0.00000E+00   0.00000E+00   0.00000E+00
516         0         0   0.00000E+00   0.00000E+00   -1853.9
      0.00000E+00   0.00000E+00   0.00000E+00
517         0         0   0.00000E+00   0.00000E+00   -2302.0
      0.00000E+00   0.00000E+00   0.00000E+00
518         0         0   0.00000E+00   0.00000E+00   -1850.3
      0.00000E+00   0.00000E+00   0.00000E+00
519         0         0   0.00000E+00   0.00000E+00   -2195.0
      0.00000E+00   0.00000E+00   0.00000E+00
520         0         0   0.00000E+00   0.00000E+00   -1839.4
      0.00000E+00   0.00000E+00   0.00000E+00
521         0         0   0.00000E+00   0.00000E+00   -2132.8
      0.00000E+00   0.00000E+00   0.00000E+00
522         0         0   0.00000E+00   0.00000E+00   -1971.1
      0.00000E+00   0.00000E+00   0.00000E+00
523         0         0   0.00000E+00   0.00000E+00   -1966.1
      0.00000E+00   0.00000E+00   0.00000E+00
524         0         0   0.00000E+00   0.00000E+00   -2004.6
      0.00000E+00   0.00000E+00   0.00000E+00
525         0         0   0.00000E+00   0.00000E+00   -1773.0
      0.00000E+00   0.00000E+00   0.00000E+00
526         0         0   0.00000E+00   0.00000E+00   -1735.7
      0.00000E+00   0.00000E+00   0.00000E+00
527         0         0   0.00000E+00   0.00000E+00   -1889.3
      0.00000E+00   0.00000E+00   0.00000E+00
528         0         0   0.00000E+00   0.00000E+00   -1965.6
      0.00000E+00   0.00000E+00   0.00000E+00
529         0         0   0.00000E+00   0.00000E+00   -2258.6
      0.00000E+00   0.00000E+00   0.00000E+00
530         0         0   0.00000E+00   0.00000E+00   -1773.0
      0.00000E+00   0.00000E+00   0.00000E+00
531         0         0   0.00000E+00   0.00000E+00   -1900.0
      0.00000E+00   0.00000E+00   0.00000E+00
532         0         0   0.00000E+00   0.00000E+00   -2024.6
      0.00000E+00   0.00000E+00   0.00000E+00
533         0         0   0.00000E+00   0.00000E+00   -2043.3
      0.00000E+00   0.00000E+00   0.00000E+00
534         0         0   0.00000E+00   0.00000E+00   -2748.0
      0.00000E+00   0.00000E+00   0.00000E+00
535         0         0   0.00000E+00   0.00000E+00   -1785.2
      0.00000E+00   0.00000E+00   0.00000E+00
536         0         0   0.00000E+00   0.00000E+00   -2444.3
      0.00000E+00   0.00000E+00   0.00000E+00
```

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537        0        0   0.00000E+00   0.00000E+00   -5458.8
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -5107.3
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -5021.2
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4466.3
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -649.34
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -705.34
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -711.49
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -59.462
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1701.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4570.2
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4821.1
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4217.5
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5134.7
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -30909.
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -59633.
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5581.5
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -3950.9
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -56.411
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -584.29
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -616.31
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -639.99
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -591.92
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -664.38
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -567.52
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -704.68
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -566.42
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -671.95
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -563.09
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -652.90
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -603.40
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -601.87
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -613.66
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -542.77
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -531.33
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -578.34
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -601.72
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -691.42
```

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0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -542.77
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -581.65
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -619.76
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -2252.9
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -5228.1
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -3589.0
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -4827.3
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -4598.0
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -4394.2
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -3948.4
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -12.737
0.00000E+00   0.00000E+00   0.00000E+00
605       0       0   0.00000E+00   0.00000E+00   -132.79
0.00000E+00   0.00000E+00   0.00000E+00
606       0       0   0.00000E+00   0.00000E+00   -1160.1
0.00000E+00   0.00000E+00   0.00000E+00
607       0       0   0.00000E+00   0.00000E+00   -1558.5
0.00000E+00   0.00000E+00   0.00000E+00
608       0       0   0.00000E+00   0.00000E+00   -1900.9
0.00000E+00   0.00000E+00   0.00000E+00
609       0       0   0.00000E+00   0.00000E+00   -1649.3
0.00000E+00   0.00000E+00   0.00000E+00
610       0       0   0.00000E+00   0.00000E+00   -2930.3
0.00000E+00   0.00000E+00   0.00000E+00
611       0       0   0.00000E+00   0.00000E+00   -5851.7
0.00000E+00   0.00000E+00   0.00000E+00
612       0       0   0.00000E+00   0.00000E+00   -6159.4
0.00000E+00   0.00000E+00   0.00000E+00
613       0       0   0.00000E+00   0.00000E+00   -5399.9
0.00000E+00   0.00000E+00   0.00000E+00
614       0       0   0.00000E+00   0.00000E+00   -6572.0
0.00000E+00   0.00000E+00   0.00000E+00
615       0       0   0.00000E+00   0.00000E+00   -58391.
0.00000E+00   0.00000E+00   0.00000E+00
616       0       0   0.00000E+00   0.00000E+00  -0.12924E+06
0.00000E+00   0.00000E+00   0.00000E+00
617       0       0   0.00000E+00   0.00000E+00   -10984.
0.00000E+00   0.00000E+00   0.00000E+00
618       0       0   0.00000E+00   0.00000E+00   -5314.1
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -1160.1
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -1160.1
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -20.966
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -1716.3
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -4626.5
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -3208.7
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -12.037
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -26.523
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -25.264
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -24.144
0.00000E+00   0.00000E+00   0.00000E+00
```

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       654        0        0   0.00000E+00   0.00000E+00   -21.695
0.00000E+00   0.00000E+00   0.00000E+00
       655        0        0   0.00000E+00   0.00000E+00  -0.69983E-01
0.00000E+00   0.00000E+00   0.00000E+00
       662        0        0   0.00000E+00   0.00000E+00   -539.11
0.00000E+00   0.00000E+00   0.00000E+00
       663        0        0   0.00000E+00   0.00000E+00   -4710.1
0.00000E+00   0.00000E+00   0.00000E+00
       664        0        0   0.00000E+00   0.00000E+00   -6327.5
0.00000E+00   0.00000E+00   0.00000E+00
       665        0        0   0.00000E+00   0.00000E+00   -7717.8
0.00000E+00   0.00000E+00   0.00000E+00
       666        0        0   0.00000E+00   0.00000E+00   -6696.3
0.00000E+00   0.00000E+00   0.00000E+00
       667        0        0   0.00000E+00   0.00000E+00   -4974.9
0.00000E+00   0.00000E+00   0.00000E+00
       668        0        0   0.00000E+00   0.00000E+00   -5161.0
0.00000E+00   0.00000E+00   0.00000E+00
       669        0        0   0.00000E+00   0.00000E+00   -5389.3
0.00000E+00   0.00000E+00   0.00000E+00
       670        0        0   0.00000E+00   0.00000E+00   -4761.8
0.00000E+00   0.00000E+00   0.00000E+00
       671        0        0   0.00000E+00   0.00000E+00   -5788.3
0.00000E+00   0.00000E+00   0.00000E+00
       672        0        0   0.00000E+00   0.00000E+00   -45367.
0.00000E+00   0.00000E+00   0.00000E+00
       673        0        0   0.00000E+00   0.00000E+00  -0.11728E+06
0.00000E+00   0.00000E+00   0.00000E+00
       674        0        0   0.00000E+00   0.00000E+00   -14173.
0.00000E+00   0.00000E+00   0.00000E+00
       675        0        0   0.00000E+00   0.00000E+00   -5498.0
0.00000E+00   0.00000E+00   0.00000E+00
       676        0        0   0.00000E+00   0.00000E+00   -4710.1
0.00000E+00   0.00000E+00   0.00000E+00
       677        0        0   0.00000E+00   0.00000E+00   -4710.1
0.00000E+00   0.00000E+00   0.00000E+00
       678        0        0   0.00000E+00   0.00000E+00   -85.123
0.00000E+00   0.00000E+00   0.00000E+00
       704        0        0   0.00000E+00   0.00000E+00   -9.4302
0.00000E+00   0.00000E+00   0.00000E+00
       705        0        0   0.00000E+00   0.00000E+00   -25.420
0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -17.630
0.00000E+00   0.00000E+00   0.00000E+00
       719        0        0   0.00000E+00   0.00000E+00   -5405.4
0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -9849.1
0.00000E+00   0.00000E+00   0.00000E+00
       721        0        0   0.00000E+00   0.00000E+00   -12484.
0.00000E+00   0.00000E+00   0.00000E+00
       722        0        0   0.00000E+00   0.00000E+00   -15200.
0.00000E+00   0.00000E+00   0.00000E+00
       723        0        0   0.00000E+00   0.00000E+00   -12881.
0.00000E+00   0.00000E+00   0.00000E+00
       724        0        0   0.00000E+00   0.00000E+00   -10215.
0.00000E+00   0.00000E+00   0.00000E+00
       725        0        0   0.00000E+00   0.00000E+00   -9620.2
0.00000E+00   0.00000E+00   0.00000E+00
       726        0        0   0.00000E+00   0.00000E+00   -10964.
0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -9488.7
0.00000E+00   0.00000E+00   0.00000E+00
       728        0        0   0.00000E+00   0.00000E+00   -10478.
0.00000E+00   0.00000E+00   0.00000E+00
       729        0        0   0.00000E+00   0.00000E+00   -95905.
0.00000E+00   0.00000E+00   0.00000E+00
       730        0        0   0.00000E+00   0.00000E+00  -0.24818E+06
0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -29240.
0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -10419.
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0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -9326.7
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -1910.7
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -15573.
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -20421.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -25122.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -30558.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -25563.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -21009.
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -18805.
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -22478.
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -19246.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -20127.
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -83367.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00  -0.19076E+06
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -36859.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -19539.
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790       0       0   0.00000E+00   0.00000E+00   -22184.
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791       0       0   0.00000E+00   0.00000E+00   -18805.
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792       0       0   0.00000E+00   0.00000E+00   -5729.6
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833       0       0   0.00000E+00   0.00000E+00   -6868.8
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834       0       0   0.00000E+00   0.00000E+00   -9007.2
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -11081.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00   -13478.
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -11275.
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838       0       0   0.00000E+00   0.00000E+00   -9266.4
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839       0       0   0.00000E+00   0.00000E+00   -8294.4
0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00   -9914.4
0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -8488.8
0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -8877.6
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843       0       0   0.00000E+00   0.00000E+00   -63097.
0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00  -0.15785E+06
0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -21523.
0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -8618.4
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -9784.8
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -8294.4
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -2527.2
0.00000E+00   0.00000E+00   0.00000E+00
```

NUMBER OF LOADED NODES OR ELEMENTS = 191
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 516

CDM_TRsx - Fz (My) @ 40 (-X) - Negative - Characteristic

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11750E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.10269E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8213.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9689.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8397.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7013.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2099.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 531 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8526.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 532 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8869.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 533 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9469.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 534 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8569.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 535 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6341.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 536 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.13510E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 537 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.12539E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 538 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -18621. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 539 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -21969. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 540 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19040. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 541 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15901. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 587 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4759.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 588 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19331. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 589 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -20108. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 590 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -21468. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 591 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19431. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 592 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14388. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 593 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -94700. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 594 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -82057. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 595 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6019.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 596 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7101.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 597 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6154.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 598 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5139.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 644 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1538.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 645 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6248.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 646 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6499.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 647 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6939.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 648 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6435.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 649 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5321.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 650 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -116.29 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 651 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -69.776 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 705 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -17.444 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 706 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -75.590 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 733 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -31417. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 734 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -62086. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 735 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -18825. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -44462. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -88954. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -26600. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -39355. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -77847. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23579. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 49
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 517

CDM_TRsx - Fz (My) @ 40 (+X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11750E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.10269E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8213.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
482        0        0   0.00000E+00   0.00000E+00   -9689.9
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -8397.9
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -7013.7
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -3181.4
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -9455.1
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -8365.0
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -9722.1
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -8520.7
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -6318.2
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00  -0.13510E+06
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00  -0.12539E+06
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -18621.
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -21969.
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -19040.
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -15901.
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -7212.7
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -21436.
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -18965.
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -22042.
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -19321.
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -14336.
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -94700.
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -82057.
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -6019.0
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -7101.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6154.2
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5139.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2331.4
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6928.9
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6130.1
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -7124.6
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6399.8
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -5304.7
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -116.29
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -69.776
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -17.444
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -75.590
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 733 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30934. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 734 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -61657. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 735 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19051. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -42967. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -87625. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -27297. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -38696. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -77261. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23887. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 49
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 518

CDM_TRsx - Fz (My) @ 46 (-X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1250.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2751.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2311.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1772.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2146.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1777.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2402.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2868.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2438.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1910.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1772.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2136.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1787.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1880.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2458.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2868.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2412.7 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -1772.4
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -2125.8
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1798.0
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1869.7
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2054.1
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -1951.7
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -358.58
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -432.59
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2312.5
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -16402.
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -6102.0
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -818.05
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -727.57
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -825.59
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -407.14
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -694.51
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2229.7
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1887.1
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -2097.2
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1882.2
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2641.6
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -2648.0
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2616.3
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1828.6
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2576.2
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5229.2
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -3184.1
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -542.57
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -657.04
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -544.14
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -735.45
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.15
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -746.42
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -584.91
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -542.57
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -653.91
0.00000E+00   0.00000E+00   0.00000E+00
```

```
548        0        0   0.00000E+00   0.00000E+00   -547.27
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -575.50
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -752.70
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -878.15
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -738.58
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -542.57
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -650.77
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -550.41
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -572.36
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -628.82
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -597.45
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -109.77
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2737.5
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -10865.
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -61582.
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -24292.
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5176.8
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4604.3
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5224.5
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2576.5
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -212.61
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -682.58
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -577.67
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -642.01
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1262.3
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4582.3
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -5613.4
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4917.6
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3647.3
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2313.3
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4626.5
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2611.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -853.59
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1336.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -3923.1
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -23378.
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00  -0.13174E+06
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
      625       0       0   0.00000E+00   0.00000E+00   -44379.
      0.00000E+00   0.00000E+00   0.00000E+00
      626       0       0   0.00000E+00   0.00000E+00   -6410.5
      0.00000E+00   0.00000E+00   0.00000E+00
      627       0       0   0.00000E+00   0.00000E+00   -6113.1
      0.00000E+00   0.00000E+00   0.00000E+00
      628       0       0   0.00000E+00   0.00000E+00   -6474.4
      0.00000E+00   0.00000E+00   0.00000E+00
      629       0       0   0.00000E+00   0.00000E+00   -4036.1
      0.00000E+00   0.00000E+00   0.00000E+00
      630       0       0   0.00000E+00   0.00000E+00   -1272.8
      0.00000E+00   0.00000E+00   0.00000E+00
      631       0       0   0.00000E+00   0.00000E+00   -1454.4
      0.00000E+00   0.00000E+00   0.00000E+00
      632       0       0   0.00000E+00   0.00000E+00   -1311.4
      0.00000E+00   0.00000E+00   0.00000E+00
      633       0       0   0.00000E+00   0.00000E+00   -1352.0
      0.00000E+00   0.00000E+00   0.00000E+00
      634       0       0   0.00000E+00   0.00000E+00   -883.58
      0.00000E+00   0.00000E+00   0.00000E+00
      645       0       0   0.00000E+00   0.00000E+00   -723.60
      0.00000E+00   0.00000E+00   0.00000E+00
      646       0       0   0.00000E+00   0.00000E+00   -3979.8
      0.00000E+00   0.00000E+00   0.00000E+00
      647       0       0   0.00000E+00   0.00000E+00   -5065.2
      0.00000E+00   0.00000E+00   0.00000E+00
      648       0       0   0.00000E+00   0.00000E+00   -4341.6
      0.00000E+00   0.00000E+00   0.00000E+00
      649       0       0   0.00000E+00   0.00000E+00   -3256.2
      0.00000E+00   0.00000E+00   0.00000E+00
      650       0       0   0.00000E+00   0.00000E+00   -12.710
      0.00000E+00   0.00000E+00   0.00000E+00
      651       0       0   0.00000E+00   0.00000E+00   -25.420
      0.00000E+00   0.00000E+00   0.00000E+00
      652       0       0   0.00000E+00   0.00000E+00   -14.350
      0.00000E+00   0.00000E+00   0.00000E+00
      677       0       0   0.00000E+00   0.00000E+00   -3465.6
      0.00000E+00   0.00000E+00   0.00000E+00
      678       0       0   0.00000E+00   0.00000E+00   -5426.9
      0.00000E+00   0.00000E+00   0.00000E+00
      679       0       0   0.00000E+00   0.00000E+00   -4788.2
      0.00000E+00   0.00000E+00   0.00000E+00
      680       0       0   0.00000E+00   0.00000E+00   -26164.
      0.00000E+00   0.00000E+00   0.00000E+00
      681       0       0   0.00000E+00   0.00000E+00  -0.11739E+06
      0.00000E+00   0.00000E+00   0.00000E+00
      682       0       0   0.00000E+00   0.00000E+00   -34342.
      0.00000E+00   0.00000E+00   0.00000E+00
      683       0       0   0.00000E+00   0.00000E+00   -4961.2
      0.00000E+00   0.00000E+00   0.00000E+00
      684       0       0   0.00000E+00   0.00000E+00   -6083.6
      0.00000E+00   0.00000E+00   0.00000E+00
      685       0       0   0.00000E+00   0.00000E+00   -5026.4
      0.00000E+00   0.00000E+00   0.00000E+00
      686       0       0   0.00000E+00   0.00000E+00   -5902.3
      0.00000E+00   0.00000E+00   0.00000E+00
      687       0       0   0.00000E+00   0.00000E+00   -5167.7
      0.00000E+00   0.00000E+00   0.00000E+00
      688       0       0   0.00000E+00   0.00000E+00   -5904.8
      0.00000E+00   0.00000E+00   0.00000E+00
      689       0       0   0.00000E+00   0.00000E+00   -5324.3
      0.00000E+00   0.00000E+00   0.00000E+00
      690       0       0   0.00000E+00   0.00000E+00   -5489.3
      0.00000E+00   0.00000E+00   0.00000E+00
      691       0       0   0.00000E+00   0.00000E+00   -3587.3
      0.00000E+00   0.00000E+00   0.00000E+00
      702       0       0   0.00000E+00   0.00000E+00   -3.9758
      0.00000E+00   0.00000E+00   0.00000E+00
      703       0       0   0.00000E+00   0.00000E+00   -21.867
      0.00000E+00   0.00000E+00   0.00000E+00
      704       0       0   0.00000E+00   0.00000E+00   -27.831
      0.00000E+00   0.00000E+00   0.00000E+00
```

```
       705        0        0   0.00000E+00   0.00000E+00   -23.855
0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -17.891
0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -970.76
0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -8434.4
0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -10135.
0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -10344.
0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -54134.
0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00  -0.24823E+06
0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -71445.
0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -10487.
0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -11091.
0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -10566.
0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -10939.
0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -10718.
0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00   -11196.
0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00   -10788.
0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -10517.
0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -9567.5
0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -2568.6
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -3003.3
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -18700.
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -19776.
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -21816.
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -53258.
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00  -0.19073E+06
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -66220.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -21920.
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -21386.
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -22026.
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -21280.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -22133.
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -22038.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00   -22016.
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -20825.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -21945.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -7946.5
0.00000E+00   0.00000E+00   0.00000E+00
       847        0        0   0.00000E+00   0.00000E+00   -1324.7
```

0.00000E+00 0.00000E+00 0.00000E+00
848 0 0 0.00000E+00 0.00000E+00 -8248.0
0.00000E+00 0.00000E+00 0.00000E+00
849 0 0 0.00000E+00 0.00000E+00 -8722.9
0.00000E+00 0.00000E+00 0.00000E+00
850 0 0 0.00000E+00 0.00000E+00 -9622.7
0.00000E+00 0.00000E+00 0.00000E+00
851 0 0 0.00000E+00 0.00000E+00 -36654.
0.00000E+00 0.00000E+00 0.00000E+00
852 0 0 0.00000E+00 0.00000E+00 -0.15784E+06
0.00000E+00 0.00000E+00 0.00000E+00
853 0 0 0.00000E+00 0.00000E+00 -47636.
0.00000E+00 0.00000E+00 0.00000E+00
854 0 0 0.00000E+00 0.00000E+00 -9668.2
0.00000E+00 0.00000E+00 0.00000E+00
855 0 0 0.00000E+00 0.00000E+00 -9433.0
0.00000E+00 0.00000E+00 0.00000E+00
856 0 0 0.00000E+00 0.00000E+00 -9715.3
0.00000E+00 0.00000E+00 0.00000E+00
857 0 0 0.00000E+00 0.00000E+00 -9385.9
0.00000E+00 0.00000E+00 0.00000E+00
858 0 0 0.00000E+00 0.00000E+00 -9762.3
0.00000E+00 0.00000E+00 0.00000E+00
859 0 0 0.00000E+00 0.00000E+00 -9720.5
0.00000E+00 0.00000E+00 0.00000E+00
860 0 0 0.00000E+00 0.00000E+00 -9710.8
0.00000E+00 0.00000E+00 0.00000E+00
861 0 0 0.00000E+00 0.00000E+00 -9185.6
0.00000E+00 0.00000E+00 0.00000E+00
862 0 0 0.00000E+00 0.00000E+00 -9679.6
0.00000E+00 0.00000E+00 0.00000E+00
863 0 0 0.00000E+00 0.00000E+00 -3505.0
0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 179
LARGEST NODE OR ELEMENT NUMBER = 863

L O A D C A S E 519

CDM_TRsx - Fz (My) @ 46 (+X) - Negative - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1241.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2754.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2443.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1808.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2107.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1765.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2421.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2867.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2516.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1793.2 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
489       0       0   0.00000E+00   0.00000E+00   -1895.2
0.00000E+00   0.00000E+00   0.00000E+00
490       0       0   0.00000E+00   0.00000E+00   -2020.7
0.00000E+00   0.00000E+00   0.00000E+00
491       0       0   0.00000E+00   0.00000E+00   -1765.7
0.00000E+00   0.00000E+00   0.00000E+00
492       0       0   0.00000E+00   0.00000E+00   -2052.1
0.00000E+00   0.00000E+00   0.00000E+00
493       0       0   0.00000E+00   0.00000E+00   -2343.8
0.00000E+00   0.00000E+00   0.00000E+00
494       0       0   0.00000E+00   0.00000E+00   -2867.0
0.00000E+00   0.00000E+00   0.00000E+00
495       0       0   0.00000E+00   0.00000E+00   -2334.6
0.00000E+00   0.00000E+00   0.00000E+00
496       0       0   0.00000E+00   0.00000E+00   -1981.5
0.00000E+00   0.00000E+00   0.00000E+00
497       0       0   0.00000E+00   0.00000E+00   -1934.4
0.00000E+00   0.00000E+00   0.00000E+00
498       0       0   0.00000E+00   0.00000E+00   -1765.7
0.00000E+00   0.00000E+00   0.00000E+00
499       0       0   0.00000E+00   0.00000E+00   -2138.5
0.00000E+00   0.00000E+00   0.00000E+00
500       0       0   0.00000E+00   0.00000E+00   -1777.5
0.00000E+00   0.00000E+00   0.00000E+00
501       0       0   0.00000E+00   0.00000E+00   -623.88
0.00000E+00   0.00000E+00   0.00000E+00
508       0       0   0.00000E+00   0.00000E+00   -203.44
0.00000E+00   0.00000E+00   0.00000E+00
509       0       0   0.00000E+00   0.00000E+00   -881.59
0.00000E+00   0.00000E+00   0.00000E+00
510       0       0   0.00000E+00   0.00000E+00   -6553.8
0.00000E+00   0.00000E+00   0.00000E+00
511       0       0   0.00000E+00   0.00000E+00   -15852.
0.00000E+00   0.00000E+00   0.00000E+00
512       0       0   0.00000E+00   0.00000E+00   -2255.6
0.00000E+00   0.00000E+00   0.00000E+00
513       0       0   0.00000E+00   0.00000E+00   -821.36
0.00000E+00   0.00000E+00   0.00000E+00
514       0       0   0.00000E+00   0.00000E+00   -743.93
0.00000E+00   0.00000E+00   0.00000E+00
515       0       0   0.00000E+00   0.00000E+00   -785.78
0.00000E+00   0.00000E+00   0.00000E+00
516       0       0   0.00000E+00   0.00000E+00   -675.92
0.00000E+00   0.00000E+00   0.00000E+00
517       0       0   0.00000E+00   0.00000E+00   -74.289
0.00000E+00   0.00000E+00   0.00000E+00
527       0       0   0.00000E+00   0.00000E+00   -30.402
0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -1844.4
0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -1879.8
0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -2071.1
0.00000E+00   0.00000E+00   0.00000E+00
531       0       0   0.00000E+00   0.00000E+00   -2368.3
0.00000E+00   0.00000E+00   0.00000E+00
532       0       0   0.00000E+00   0.00000E+00   -2755.9
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -2571.8
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -2656.0
0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -1817.9
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -2541.4
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -5165.6
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -4144.3
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -553.73
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       540        0        0   0.00000E+00   0.00000E+00   -645.02
0.00000E+00   0.00000E+00   0.00000E+00
       541        0        0   0.00000E+00   0.00000E+00   -540.52
0.00000E+00   0.00000E+00   0.00000E+00
       542        0        0   0.00000E+00   0.00000E+00   -741.11
0.00000E+00   0.00000E+00   0.00000E+00
       543        0        0   0.00000E+00   0.00000E+00   -877.65
0.00000E+00   0.00000E+00   0.00000E+00
       544        0        0   0.00000E+00   0.00000E+00   -770.34
0.00000E+00   0.00000E+00   0.00000E+00
       545        0        0   0.00000E+00   0.00000E+00   -548.93
0.00000E+00   0.00000E+00   0.00000E+00
       546        0        0   0.00000E+00   0.00000E+00   -580.16
0.00000E+00   0.00000E+00   0.00000E+00
       547        0        0   0.00000E+00   0.00000E+00   -618.60
0.00000E+00   0.00000E+00   0.00000E+00
       548        0        0   0.00000E+00   0.00000E+00   -540.52
0.00000E+00   0.00000E+00   0.00000E+00
       549        0        0   0.00000E+00   0.00000E+00   -628.20
0.00000E+00   0.00000E+00   0.00000E+00
       550        0        0   0.00000E+00   0.00000E+00   -717.49
0.00000E+00   0.00000E+00   0.00000E+00
       551        0        0   0.00000E+00   0.00000E+00   -877.65
0.00000E+00   0.00000E+00   0.00000E+00
       552        0        0   0.00000E+00   0.00000E+00   -714.69
0.00000E+00   0.00000E+00   0.00000E+00
       553        0        0   0.00000E+00   0.00000E+00   -606.58
0.00000E+00   0.00000E+00   0.00000E+00
       554        0        0   0.00000E+00   0.00000E+00   -592.17
0.00000E+00   0.00000E+00   0.00000E+00
       555        0        0   0.00000E+00   0.00000E+00   -540.52
0.00000E+00   0.00000E+00   0.00000E+00
       556        0        0   0.00000E+00   0.00000E+00   -654.63
0.00000E+00   0.00000E+00   0.00000E+00
       557        0        0   0.00000E+00   0.00000E+00   -544.12
0.00000E+00   0.00000E+00   0.00000E+00
       558        0        0   0.00000E+00   0.00000E+00   -190.98
0.00000E+00   0.00000E+00   0.00000E+00
       565        0        0   0.00000E+00   0.00000E+00   -1287.4
0.00000E+00   0.00000E+00   0.00000E+00
       566        0        0   0.00000E+00   0.00000E+00   -5578.9
0.00000E+00   0.00000E+00   0.00000E+00
       567        0        0   0.00000E+00   0.00000E+00   -26398.
0.00000E+00   0.00000E+00   0.00000E+00
       568        0        0   0.00000E+00   0.00000E+00   -59343.
0.00000E+00   0.00000E+00   0.00000E+00
       569        0        0   0.00000E+00   0.00000E+00   -10017.
0.00000E+00   0.00000E+00   0.00000E+00
       570        0        0   0.00000E+00   0.00000E+00   -5197.8
0.00000E+00   0.00000E+00   0.00000E+00
       571        0        0   0.00000E+00   0.00000E+00   -4707.8
0.00000E+00   0.00000E+00   0.00000E+00
       572        0        0   0.00000E+00   0.00000E+00   -4972.6
0.00000E+00   0.00000E+00   0.00000E+00
       573        0        0   0.00000E+00   0.00000E+00   -4277.4
0.00000E+00   0.00000E+00   0.00000E+00
       574        0        0   0.00000E+00   0.00000E+00   -470.12
0.00000E+00   0.00000E+00   0.00000E+00
       584        0        0   0.00000E+00   0.00000E+00   -9.3066
0.00000E+00   0.00000E+00   0.00000E+00
       585        0        0   0.00000E+00   0.00000E+00   -564.60
0.00000E+00   0.00000E+00   0.00000E+00
       586        0        0   0.00000E+00   0.00000E+00   -575.46
0.00000E+00   0.00000E+00   0.00000E+00
       587        0        0   0.00000E+00   0.00000E+00   -634.01
0.00000E+00   0.00000E+00   0.00000E+00
       588        0        0   0.00000E+00   0.00000E+00   -4505.6
0.00000E+00   0.00000E+00   0.00000E+00
       589        0        0   0.00000E+00   0.00000E+00   -4876.3
0.00000E+00   0.00000E+00   0.00000E+00
       590        0        0   0.00000E+00   0.00000E+00   -5450.1
0.00000E+00   0.00000E+00   0.00000E+00
       591        0        0   0.00000E+00   0.00000E+00   -5022.2
```

```
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3631.4
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2279.3
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4558.7
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -3581.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -860.29
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1322.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2460.3
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7264.0
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -58429.
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00  -0.12688E+06
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -12817.
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627        0        0   0.00000E+00   0.00000E+00   -6633.5
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6004.1
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629        0        0   0.00000E+00   0.00000E+00   -6422.0
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -5557.7
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631        0        0   0.00000E+00   0.00000E+00   -1948.2
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632        0        0   0.00000E+00   0.00000E+00   -1296.1
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633        0        0   0.00000E+00   0.00000E+00   -1394.2
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634        0        0   0.00000E+00   0.00000E+00   -1225.7
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635        0        0   0.00000E+00   0.00000E+00   -1474.5
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -1206.3
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637        0        0   0.00000E+00   0.00000E+00   -282.57
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -3987.2
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -4253.0
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647        0        0   0.00000E+00   0.00000E+00   -4917.5
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -4439.1
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3242.9
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.524
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651        0        0   0.00000E+00   0.00000E+00   -25.048
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -19.680
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3492.8
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5367.7
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4749.8
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6790.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -58632.
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00  -0.11233E+06
0.00000E+00   0.00000E+00   0.00000E+00
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```
683        0        0   0.00000E+00   0.00000E+00   -5330.9
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5781.5
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685        0        0   0.00000E+00   0.00000E+00   -5219.7
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686        0        0   0.00000E+00   0.00000E+00   -5838.6
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687        0        0   0.00000E+00   0.00000E+00   -5159.0
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5996.6
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689        0        0   0.00000E+00   0.00000E+00   -5262.0
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5660.6
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -4976.5
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5986.4
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693        0        0   0.00000E+00   0.00000E+00   -4897.6
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -1147.2
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -21.908
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703        0        0   0.00000E+00   0.00000E+00   -23.368
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -27.019
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -24.390
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.818
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -951.81
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8520.4
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9863.6
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736        0        0   0.00000E+00   0.00000E+00   -10635.
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737        0        0   0.00000E+00   0.00000E+00   -12527.
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738        0        0   0.00000E+00   0.00000E+00  -0.18526E+06
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00  -0.17552E+06
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11307.
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741        0        0   0.00000E+00   0.00000E+00   -10427.
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742        0        0   0.00000E+00   0.00000E+00   -10984.
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743        0        0   0.00000E+00   0.00000E+00   -10750.
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745        0        0   0.00000E+00   0.00000E+00   -11298.
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746        0        0   0.00000E+00   0.00000E+00   -10750.
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747        0        0   0.00000E+00   0.00000E+00   -10850.
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748        0        0   0.00000E+00   0.00000E+00   -9924.3
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749        0        0   0.00000E+00   0.00000E+00   -11719.
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750        0        0   0.00000E+00   0.00000E+00   -9695.6
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -7106.2
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -50.095
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791        0        0   0.00000E+00   0.00000E+00   -18908.
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792        0        0   0.00000E+00   0.00000E+00   -19063.
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793        0        0   0.00000E+00   0.00000E+00   -22782.
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794        0        0   0.00000E+00   0.00000E+00   -24332.
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795        0        0   0.00000E+00   0.00000E+00  -0.19079E+06
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -93724.
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797        0        0   0.00000E+00   0.00000E+00   -23776.
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798        0        0   0.00000E+00   0.00000E+00   -19984.
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799        0        0   0.00000E+00   0.00000E+00   -22901.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20859.
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801        0        0   0.00000E+00   0.00000E+00   -22026.
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802        0        0   0.00000E+00   0.00000E+00   -22164.
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803        0        0   0.00000E+00   0.00000E+00   -22029.
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804        0        0   0.00000E+00   0.00000E+00   -21491.
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805        0        0   0.00000E+00   0.00000E+00   -20085.
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806        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19546.
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808        0        0   0.00000E+00   0.00000E+00   -19537.
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809        0        0   0.00000E+00   0.00000E+00   -154.98
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847        0        0   0.00000E+00   0.00000E+00   -1298.8
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -8339.8
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849        0        0   0.00000E+00   0.00000E+00   -8408.2
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850        0        0   0.00000E+00   0.00000E+00   -10049.
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851        0        0   0.00000E+00   0.00000E+00   -10732.
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852        0        0   0.00000E+00   0.00000E+00  -0.15786E+06
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -72930.
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854        0        0   0.00000E+00   0.00000E+00   -10487.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8814.3
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10101.
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -9200.4
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9715.1
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -9775.8
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -9716.7
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -9479.2
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -8859.2
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10358. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8621.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8617.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -68.359 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 196
LARGEST NODE OR ELEMENT NUMBER = 866

L O A D C A S E 520

CDM_TRsx - Fz (My) @ 52 - Negative - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1242.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2782.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2260.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1866.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2037.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1755.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2463.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2915.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2429.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1755.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2088.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1815.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1900.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2003.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2326.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2863.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2386.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1986.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 498 | 1 | 0.00000E+00 | 0.00000E+00 | -1755.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -25.571 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -303.48 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -920.32 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
510        0        0   0.00000E+00   0.00000E+00   -1092.2
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -978.42
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -711.37
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2757.6
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -13342.
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -8141.9
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -751.62
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -815.61
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -767.22
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -758.45
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -776.67
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -746.98
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -812.00
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -687.37
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -818.34
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -672.76
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -643.98
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -702.92
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -778.58
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -831.22
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -699.90
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1234.8
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2612.4
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -2655.1
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2628.6
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1824.8
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2573.7
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5238.7
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -3168.5
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -571.43
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -623.61
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -537.51
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -754.07
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -892.36
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -743.64
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -537.51
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -639.27
```

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0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -555.77
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -581.86
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -613.17
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -712.33
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -876.71
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -730.59
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -607.96
0.00000E+00   0.00000E+00   0.00000E+00
554      555        1   0.00000E+00   0.00000E+00   -537.51
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -7.8278
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1920.5
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5824.0
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6911.8
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6191.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -4501.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -12130.
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -49666.
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -31304.
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -4756.4
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -5161.4
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -4855.2
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4799.6
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4915.0
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -4727.1
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5138.5
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4349.9
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -5178.6
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4257.4
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4075.2
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4448.2
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4927.1
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5260.2
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4429.2
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4622.6
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -5539.6
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4864.2
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -5405.9
0.00000E+00   0.00000E+00   0.00000E+00
```

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592        0        0   0.00000E+00   0.00000E+00   -3510.5
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2313.3
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4626.5
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2611.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -848.31
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1347.3
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -3108.5
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7469.6
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8844.1
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7916.0
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -5770.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -28899.
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00  -0.10717E+06
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -58615.
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6151.3
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6531.6
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -6292.1
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6026.7
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -6415.7
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -5965.3
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6613.0
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -5616.1
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6444.9
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5636.8
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5149.0
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5588.0
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6512.2
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6502.7
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5825.8
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5707.4
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6196.5
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5686.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6033.6
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3529.0
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.710
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -25.420
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -14.350
```

```
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -3444.1
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -5470.1
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -4805.4
0.00000E+00   0.00000E+00   0.00000E+00
680       0       0   0.00000E+00   0.00000E+00   -6627.8
0.00000E+00   0.00000E+00   0.00000E+00
681       0       0   0.00000E+00   0.00000E+00   -7781.8
0.00000E+00   0.00000E+00   0.00000E+00
682       0       0   0.00000E+00   0.00000E+00   -6943.6
0.00000E+00   0.00000E+00   0.00000E+00
683       0       0   0.00000E+00   0.00000E+00   -5109.6
0.00000E+00   0.00000E+00   0.00000E+00
684       0       0   0.00000E+00   0.00000E+00   -33329.
0.00000E+00   0.00000E+00   0.00000E+00
685       0       0   0.00000E+00   0.00000E+00   -95576.
0.00000E+00   0.00000E+00   0.00000E+00
686       0       0   0.00000E+00   0.00000E+00   -44255.
0.00000E+00   0.00000E+00   0.00000E+00
687       0       0   0.00000E+00   0.00000E+00   -5619.5
0.00000E+00   0.00000E+00   0.00000E+00
688       0       0   0.00000E+00   0.00000E+00   -5515.8
0.00000E+00   0.00000E+00   0.00000E+00
689       0       0   0.00000E+00   0.00000E+00   -5789.5
0.00000E+00   0.00000E+00   0.00000E+00
690       0       0   0.00000E+00   0.00000E+00   -4937.9
0.00000E+00   0.00000E+00   0.00000E+00
691       0       0   0.00000E+00   0.00000E+00   -6047.9
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -4983.7
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -5939.4
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -5100.8
0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -5093.5
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -5561.1
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -4322.0
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -4586.7
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -6390.2
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -4996.4
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -5629.6
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -5022.0
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -4889.8
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -5763.7
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -4821.5
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -1705.4
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -948.51
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -8497.5
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -9894.7
0.00000E+00   0.00000E+00   0.00000E+00
736       0       0   0.00000E+00   0.00000E+00   -10722.
0.00000E+00   0.00000E+00   0.00000E+00
737       0       0   0.00000E+00   0.00000E+00   -12396.
0.00000E+00   0.00000E+00   0.00000E+00
738       0       0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
739        0        0   0.00000E+00   0.00000E+00   -12925.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11054.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -69315.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00  -0.20277E+06
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -92958.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10756.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -11201.
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -10803.
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -10620.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -10430.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11169.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10488.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -10668.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10046.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9941.3
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9058.7
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9776.3
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -11133.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11033.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9987.9
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10165.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -10081.
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -9429.0
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -1509.3
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -2934.5
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -22942.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24276.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25244.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23350.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -60851.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00  -0.15428E+06
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -78010.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -21342.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -22946.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -21126.
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -22376.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -19420.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23978.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19835.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22173.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -20274.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -18852.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -20512.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -20867.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23535.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20808.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21075.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -1067.1
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -1294.3
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -10119.
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -10708.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11134.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10299.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -45423.
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00  -0.12875E+06
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -60425.
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9413.3
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -10121.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -9318.2
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -9869.7
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -8565.9
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -10576.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8748.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9780.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8942.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8315.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9047.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9204.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10381. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9177.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9295.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -470.66 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 257
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 521

CDM_TRsx - Fz (My) @ 58 (-X) - Negative - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1230.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2779.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1979.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1936.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1950.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1797.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2508.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2858.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2352.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1921.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1965.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1783.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

```
491        0        0   0.00000E+00   0.00000E+00   -2104.0
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -1743.0
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -2424.9
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -758.48
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -619.85
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -886.45
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1093.1
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -911.93
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -810.78
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -754.33
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -776.28
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -788.83
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -741.78
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -6310.1
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -13560.
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -4398.7
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -694.16
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -839.01
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -726.10
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -773.93
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -741.49
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -668.17
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -726.49
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -746.48
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -851.46
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -731.49
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -764.81
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -736.32
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2266.8
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1802.5
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2537.9
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5096.3
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1609.2
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -592.75
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -597.21
```

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 0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -550.33
 0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -768.00
 0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -875.17
 0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -720.00
 0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -588.28
 0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -601.68
 0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -545.86
 0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -644.10
 0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -533.58
 0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -742.33
 0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -232.19
 0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -3922.6
 0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5609.7
 0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6917.2
 0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -5770.9
 0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5130.8
 0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4773.6
 0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -4912.5
 0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -4991.9
 0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -4694.2
 0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -24856.
 0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -50449.
 0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -17968.
 0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4392.8
 0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5309.5
 0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4594.9
 0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4897.6
 0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4692.3
 0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4281.1
 0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4228.3
 0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4597.4
 0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4723.9
 0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5388.2
 0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4281.1
 0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4629.0
 0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4839.9
 0.00000E+00   0.00000E+00   0.00000E+00
```

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590        0        0   0.00000E+00   0.00000E+00   -4299.4
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -5339.9
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3481.8
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2279.3
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4477.3
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1058.3
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1353.4
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5120.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7251.2
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8850.0
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7472.2
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6439.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6163.1
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6294.7
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6307.4
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6150.4
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -56889.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00  -0.10967E+06
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -28198.
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5826.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6630.1
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5972.0
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6259.4
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5893.3
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5675.1
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5314.7
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5782.7
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6219.3
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6724.9
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5528.7
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6028.5
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6041.4
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5578.9
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6232.3
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3682.1
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.524
```

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      0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -24.600
      0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5.8146
      0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3431.2
      0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5495.0
      0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4828.7
      0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6613.0
      0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7783.8
      0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6854.2
      0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5264.0
      0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5597.7
      0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5566.5
      0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5295.2
      0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5869.1
      0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -57370.
      0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -98985.
      0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -16371.
      0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5780.9
      0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5312.9
      0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5548.8
      0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5484.0
      0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4832.9
      0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5620.5
      0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4371.7
      0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4770.1
      0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6027.8
      0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5377.5
      0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5026.0
      0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5639.4
      0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -4833.7
      0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5229.8
      0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5437.0
      0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -2420.5
      0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -957.58
      0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8458.7
      0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -10021.
      0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10587.
      0.00000E+00   0.00000E+00   0.00000E+00
```

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737        0        0   0.00000E+00   0.00000E+00   -12436.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15223.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12815.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11317.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10138.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11540.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10027.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -11540.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.12127E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20947E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -34019.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -10986.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -10664.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10693.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -10827.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -9407.6
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -11076.
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -8508.5
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9193.5
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -12059.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -10220.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -10347.
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10478.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -9407.6
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -10987.
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -9837.4
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -3808.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -2962.5
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18848.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -19278.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -22498.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24430.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30570.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25089.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23841.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19477.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -23882.
```

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      0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -19780.
      0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -23235.
      0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -97065.
      0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.15956E+06
      0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -36566.
      0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -21705.
      0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -21720.
      0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -21296.
      0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -21851.
      0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -18848.
      0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -22326.
      0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -17045.
      0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -18319.
      0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -24501.
      0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -20208.
      0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -21339.
      0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20437.
      0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -18848.
      0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -22884.
      0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -18891.
      0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -6654.9
      0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -1306.7
      0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -8313.6
      0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -8503.0
      0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -9923.3
      0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -10775.
      0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13484.
      0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11066.
      0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10516.
      0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8591.0
      0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10534.
      0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -8724.7
      0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -10249.
      0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -77914.
      0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00  -0.13292E+06
      0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -23787.
      0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9573.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9580.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9393.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9638.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8313.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9847.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7518.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8080.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10807. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8913.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9412.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9014.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8313.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10094. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2935.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 247
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 522

CDM_TRsx - Fz (My) @ 58 (+X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | | |
| FORCE | FORCE | FORCE | | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | | |
| MX | MY | MZ | | | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1246.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2759.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2162.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1798.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2119.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1767.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2416.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2867.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2496.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1823.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

```
489        0        0   0.00000E+00   0.00000E+00   -1860.1
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -2057.9
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -1767.4
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -2008.4
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -2373.0
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -2867.4
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -2354.5
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -1921.9
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1458.4
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -303.48
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -920.32
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1092.2
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -978.42
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -711.37
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -827.48
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -731.50
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -807.35
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -751.62
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -815.61
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -7727.4
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -13088.
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -3361.9
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -746.98
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -812.00
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -687.37
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -818.34
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -672.76
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -643.98
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -702.92
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -778.58
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -831.22
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -699.90
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -704.84
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -787.08
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -672.76
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1287.4
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1163.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2568.7
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5218.7
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -2334.4
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -550.51
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -648.88
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -541.05
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -739.69
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -877.79
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -764.28
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -558.07
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -569.43
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -629.96
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -541.05
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -614.83
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -726.44
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -877.79
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -720.77
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -588.34
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -446.46
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1920.5
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5824.0
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6911.8
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6191.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -4501.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5236.5
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -4629.1
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5109.1
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -4756.4
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -5161.4
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -29713.
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -48834.
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -14148.
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -4727.1
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5138.5
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4349.9
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -5178.6
0.00000E+00   0.00000E+00   0.00000E+00
```

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582        0        0   0.00000E+00   0.00000E+00   -4257.4
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4075.2
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4448.2
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4927.1
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5260.2
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4429.2
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4460.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4980.9
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4257.4
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4995.3
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3308.0
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2306.5
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4613.0
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1763.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1353.4
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -3111.5
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7466.3
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8844.6
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7894.5
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -5807.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6627.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6010.2
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6425.1
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6212.9
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6471.0
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -69159.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00  -0.10498E+06
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -20161.
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6045.6
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6517.6
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -5709.7
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6381.4
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5651.4
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5161.0
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5633.0
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6423.2
```

```
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6596.4
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5677.3
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5859.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6182.9
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5555.1
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6185.1
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3705.2
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.673
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -25.346
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -9.6911
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3431.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5495.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4817.6
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6614.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6856.5
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5260.5
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5600.3
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5565.0
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5295.8
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5869.4
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5269.5
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -69996.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -93121.
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -10121.
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5309.7
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5551.8
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5481.0
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4835.6
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5620.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4370.9
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4769.3
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6028.9
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5376.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5026.8
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5638.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       703        0        0   0.00000E+00   0.00000E+00   -4834.5
0.00000E+00   0.00000E+00   0.00000E+00
       704        0        0   0.00000E+00   0.00000E+00   -5229.7
0.00000E+00   0.00000E+00   0.00000E+00
       705        0        0   0.00000E+00   0.00000E+00   -5436.7
0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -2420.6
0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -952.88
0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -8474.5
0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -9964.1
0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -10662.
0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -12410.
0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00   -15227.
0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -12788.
0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -11341.
0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -10252.
0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -11281.
0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -10311.
0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -11221.
0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00   -10697.
0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00  -0.14752E+06
0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00  -0.19782E+06
0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -19635.
0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -11131.
0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -10192.
0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -11318.
0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -9423.4
0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -10460.
0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -8918.6
0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -9503.7
0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -11446.
0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -10782.
0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -9582.5
0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -11261.
0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -9423.4
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -10142.
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10701.
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -4711.7
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -2948.0
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -18897.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -19102.
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -22731.
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -24350.
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -30581.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -25007.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -23914.
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -19828.
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -23081.
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -20662.
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -22247.
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -21910.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.11595E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00  -0.15020E+06
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -26624.
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -23162.
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -19747.
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -23372.
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -20420.
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -18314.
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -19279.
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -22605.
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -21946.
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -18973.
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -22860.
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -20269.
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -21564.
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -9448.6
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -1300.3
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -8335.1
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -8425.6
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -10026.
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -10740.
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -13489.
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -11030.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10548. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8745.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10180. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9113.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9812.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9664.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -94221. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.12560E+06 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14615. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10216. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8710.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10309. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8335.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9006.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8077.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8503.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9970.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9679.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8368.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10083. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8335.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8940.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9511.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4167.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 253
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 523

CDM_TRsx - Fz (My) @ 60.5 - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1226.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2792.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

```
481        0        0   0.00000E+00   0.00000E+00   -1955.1
0.00000E+00   0.00000E+00   0.00000E+00
482        0        0   0.00000E+00   0.00000E+00   -1979.4
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -1896.4
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -1871.5
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -2456.6
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -2854.9
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -2303.0
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -2062.4
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -1813.4
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -1954.5
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -1921.3
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -701.29
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -619.85
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -886.45
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1093.1
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -911.93
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -810.78
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -754.33
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -776.28
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -788.83
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -741.78
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -841.36
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -733.15
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -6785.1
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -13129.
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -4313.3
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -726.10
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -773.93
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -741.49
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -668.17
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -726.49
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -746.48
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -851.46
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -731.49
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -764.81
```

```
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -771.48
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -486.55
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2536.6
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5100.1
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1601.9
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -605.93
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -580.52
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -572.90
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -752.01
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -873.96
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -705.01
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -631.34
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -555.12
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -598.31
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -588.15
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -214.68
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -3922.6
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5609.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6917.2
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -5770.9
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5130.8
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4773.6
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -4912.5
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -4991.9
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -4694.2
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -5324.4
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -4639.6
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -26491.
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -48803.
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -17718.
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4594.9
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4897.6
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4692.3
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4228.3
0.00000E+00   0.00000E+00   0.00000E+00
```

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584        0        0   0.00000E+00   0.00000E+00   -4597.4
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4723.9
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5388.2
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4629.0
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4839.9
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4882.1
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3079.0
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2279.3
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4477.3
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1058.3
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1353.4
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5120.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7251.2
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8850.0
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7472.2
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6439.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6163.1
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6294.7
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6307.4
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6150.4
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6634.5
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -6139.2
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -54291.
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00  -0.10563E+06
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -34515.
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5972.0
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6259.4
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5893.3
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5675.1
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5314.7
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5782.7
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6219.3
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6724.9
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5528.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -6028.5
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -6041.4
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -5578.9
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648       0       0   0.00000E+00   0.00000E+00   -6232.3
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -3682.1
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -12.524
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -24.600
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -5.8146
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -3431.2
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -5495.0
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -4828.7
0.00000E+00   0.00000E+00   0.00000E+00
680       0       0   0.00000E+00   0.00000E+00   -6613.0
0.00000E+00   0.00000E+00   0.00000E+00
681       0       0   0.00000E+00   0.00000E+00   -7783.8
0.00000E+00   0.00000E+00   0.00000E+00
682       0       0   0.00000E+00   0.00000E+00   -6854.2
0.00000E+00   0.00000E+00   0.00000E+00
683       0       0   0.00000E+00   0.00000E+00   -5264.0
0.00000E+00   0.00000E+00   0.00000E+00
684       0       0   0.00000E+00   0.00000E+00   -5597.7
0.00000E+00   0.00000E+00   0.00000E+00
685       0       0   0.00000E+00   0.00000E+00   -5566.5
0.00000E+00   0.00000E+00   0.00000E+00
686       0       0   0.00000E+00   0.00000E+00   -5295.2
0.00000E+00   0.00000E+00   0.00000E+00
687       0       0   0.00000E+00   0.00000E+00   -5869.1
0.00000E+00   0.00000E+00   0.00000E+00
688       0       0   0.00000E+00   0.00000E+00   -5270.4
0.00000E+00   0.00000E+00   0.00000E+00
689       0       0   0.00000E+00   0.00000E+00   -6045.8
0.00000E+00   0.00000E+00   0.00000E+00
690       0       0   0.00000E+00   0.00000E+00   -47599.
0.00000E+00   0.00000E+00   0.00000E+00
691       0       0   0.00000E+00   0.00000E+00   -94737.
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -30167.
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -5548.8
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -5484.0
0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -4832.9
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -5620.5
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -4371.7
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -4770.1
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -6027.8
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -5377.5
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -5026.0
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -5639.4
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -4833.7
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -5229.8
0.00000E+00   0.00000E+00   0.00000E+00
```

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       705        0        0   0.00000E+00   0.00000E+00   -5437.0
   0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -2420.5
   0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -952.88
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -8474.5
   0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -9964.1
   0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -10662.
   0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -12410.
   0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00   -15227.
   0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -12788.
   0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -11341.
   0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -10252.
   0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -11281.
   0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -10311.
   0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -11221.
   0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00   -10697.
   0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00   -11367.
   0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00  -0.10100E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00  -0.19975E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -63991.
   0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -10192.
   0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -11318.
   0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -9423.4
   0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -10460.
   0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -8918.6
   0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -9503.7
   0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -11446.
   0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -10782.
   0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -9582.5
   0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -11261.
   0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -9423.4
   0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -10142.
   0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10701.
   0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -4711.7
   0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -2948.0
   0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -18897.
   0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -19102.
   0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -22731.
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0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -24350.
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -30581.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -25007.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -23914.
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -19828.
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -23081.
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -20662.
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -22247.
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -21910.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00   -22322.
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -83622.
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00  -0.15048E+06
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -59511.
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807       0       0   0.00000E+00   0.00000E+00   -19747.
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808       0       0   0.00000E+00   0.00000E+00   -23372.
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809       0       0   0.00000E+00   0.00000E+00   -18897.
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810       0       0   0.00000E+00   0.00000E+00   -20420.
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811       0       0   0.00000E+00   0.00000E+00   -18314.
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -19279.
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -22605.
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -21946.
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -18973.
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -22860.
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -20269.
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -21564.
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -9448.6
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -1300.3
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -8335.1
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -8425.6
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -10026.
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -10740.
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -13489.
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -11030.
0.00000E+00   0.00000E+00   0.00000E+00
854       0       0   0.00000E+00   0.00000E+00   -10548.
0.00000E+00   0.00000E+00   0.00000E+00
855       0       0   0.00000E+00   0.00000E+00   -8745.8
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10180. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9113.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9812.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9664.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9845.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -65603. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.12623E+06 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -42974. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8710.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10309. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8335.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9006.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8077.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8503.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9970.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9679.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8368.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10083. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8335.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8940.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9511.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4167.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 243
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 524

CDM_TRsx - Fz (My) @ 64 - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | | |
| FORCE | FORCE | FORCE | | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | | |
| MX | MY | MZ | | | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1220.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2807.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1923.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2035.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

```
483        0        0   0.00000E+00   0.00000E+00   -1823.8
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -1968.1
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -2386.8
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -2848.7
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -2348.3
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -2025.9
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -1722.7
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -370.53
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -70.851
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -890.87
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1093.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -901.41
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -844.78
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -701.55
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -846.36
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -721.68
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -804.54
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -778.43
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -795.28
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -764.69
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -714.04
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1490.5
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -13312.
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -9439.3
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -702.22
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -684.61
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -684.19
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -716.05
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.62
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -835.54
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -744.98
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -753.37
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -775.17
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -484.64
```

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0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2534.8
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5104.9
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1592.1
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -623.11
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -558.30
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -602.49
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -730.65
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -872.06
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -718.86
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -620.17
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -527.36
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -113.43
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -448.36
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5637.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6919.1
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -5704.3
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5346.0
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4439.6
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5356.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -4566.9
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -5091.3
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -4926.1
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5032.7
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4839.1
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4518.6
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -7658.8
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -49476.
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -35967.
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4443.8
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4332.4
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4329.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4531.4
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4775.4
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5287.5
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
588        0        0   0.00000E+00   0.00000E+00   -4714.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4767.5
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4905.4
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3066.9
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2279.3
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4477.3
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1058.3
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1803.4
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5492.1
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7279.3
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8851.9
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7405.3
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6654.9
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -5827.9
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6739.8
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -5880.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6548.9
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6234.8
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -6533.7
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6061.5
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5952.9
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -11846.
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00  -0.10703E+06
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -75735.
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5643.9
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5726.6
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5416.4
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5716.4
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6271.0
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6623.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5540.2
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6114.2
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -5968.7
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5590.4
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6255.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3670.0
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.524
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -24.600
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5.8146
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3431.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5497.4
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4830.7
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6613.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7783.8
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6853.8
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5265.2
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5595.9
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5569.0
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5292.8
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5871.3
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5268.2
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -6048.0
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -4918.7
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5781.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -9915.8
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -95759.
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -67160.
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4831.5
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5620.8
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4372.3
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4769.7
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6028.1
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5376.9
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5026.1
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5639.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -4833.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5229.9
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5437.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -2420.4
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -952.88
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8474.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       735        0        0   0.00000E+00   0.00000E+00   -9964.1
   0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -10662.
   0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -12410.
   0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00   -15227.
   0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -12788.
   0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -11341.
   0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -10252.
   0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -11281.
   0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -10311.
   0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -11221.
   0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00   -10697.
   0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00   -11367.
   0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -10228.
   0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -10558.
   0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -20920.
   0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00  -0.20206E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00  -0.14249E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -9423.4
   0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -10460.
   0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -8918.6
   0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -9503.7
   0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -11446.
   0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -10782.
   0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -9582.5
   0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -11261.
   0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -9423.4
   0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -10142.
   0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10701.
   0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -4711.7
   0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -2948.0
   0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -18897.
   0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -19102.
   0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -22731.
   0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -24350.
   0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -30581.
   0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -25007.
   0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -23914.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19828.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -23081.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20662.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -22247.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -21910.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -22322.
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -21204.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -20382.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -29893.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00  -0.15168E+06
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00  -0.11357E+06
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -20420.
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -18314.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -19279.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -22605.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -21946.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18973.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -22860.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -20269.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21564.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -9448.6
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -1300.3
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -8335.1
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -8425.6
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -10026.
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -10740.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13489.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11030.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10548.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8745.8
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10180.
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -9113.4
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9812.7
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -9664.1
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9845.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9352.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8989.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -16282. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.12761E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -91596. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8335.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9006.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8077.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8503.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9970.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9679.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8368.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10083. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8335.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8940.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9511.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4167.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 241
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 525

CDM_TRsx - Fz (My) @ 70 (-X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1225.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2742.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1845.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2039.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1818.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1975.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2381.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2848.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
487        0        0   0.00000E+00   0.00000E+00   -2232.5
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -288.91
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -70.851
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -890.87
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1093.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -901.41
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -844.78
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -701.55
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -846.36
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -721.68
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -804.54
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -778.43
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -795.28
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -764.69
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -714.04
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -847.15
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -701.55
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -817.95
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -702.22
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -8887.7
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -12169.
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -2903.6
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.62
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -835.54
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -744.98
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -753.37
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -775.17
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -484.64
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2570.7
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4681.6
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1113.7
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -624.44
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -556.55
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -604.79
```

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0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -728.97
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -871.90
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -683.40
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -88.441
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -448.36
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5637.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6919.1
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -5704.3
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5346.0
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4439.6
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5356.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -4566.9
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -5091.3
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -4926.1
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5032.7
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4839.1
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4518.6
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5361.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4439.6
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5176.2
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4443.8
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -33629.
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -45345.
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -12344.
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4775.4
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5287.5
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4714.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4767.5
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4905.4
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3066.9
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2315.5
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4052.2
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -578.88
0.00000E+00   0.00000E+00   0.00000E+00
```

```
620        0        0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1803.4
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5492.1
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7279.3
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8851.9
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7405.3
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6654.9
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -5827.9
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6739.8
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -5880.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6548.9
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6234.8
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -6533.7
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6061.5
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5952.9
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6681.8
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5816.1
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6539.0
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5643.9
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -64410.
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -95207.
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -32816.
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6271.0
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6623.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5540.2
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6114.2
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -5968.7
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5590.4
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6255.7
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3670.0
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.723
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -22.265
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -3.1807
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3431.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5497.4
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4830.7
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6613.2
```

```
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7783.8
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6853.8
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5265.2
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5595.9
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5569.0
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5292.8
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5871.3
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5268.2
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -6048.0
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -4918.7
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5781.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5313.2
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5547.9
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5485.5
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4831.5
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -49705.
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -81662.
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -39884.
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6028.1
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5376.9
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5026.1
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5639.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -4833.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5229.9
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5437.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -2420.4
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -948.05
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8490.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9913.3
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10724.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12391.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15230.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12873.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11139.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10478.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11018.
0.00000E+00   0.00000E+00   0.00000E+00
```

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       743        0        0   0.00000E+00   0.00000E+00   -10599.
0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -10897.
0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00   -11067.
0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00   -10940.
0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -10647.
0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -10250.
0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -11351.
0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -10267.
0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -10874.
0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -9923.4
0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -88132.
0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00  -0.16825E+06
0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00  -0.10537E+06
0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -10881.
0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -11350.
0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -9573.6
0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -10522.
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       760        0        0   0.00000E+00   0.00000E+00   -10204.
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -9714.2
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10719.
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -6053.7
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -2933.0
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -22921.
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -24290.
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -25269.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -23290.
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -20530.
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -22268.
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -21552.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -21246.
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -23055.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00   -20999.
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -22500.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -19429.
```

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      0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23842.
      0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19978.
      0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22000.
      0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -20444.
      0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -61857.
      0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00  -0.12464E+06
      0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00  -0.10053E+06
      0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -20857.
      0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23703.
      0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18945.
      0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20575.
      0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21313.
      0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18945.
      0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21617.
      0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13601.
      0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -1293.7
      0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -8356.3
      0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -8356.3
      0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -10110.
      0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -10714.
      0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13493.
      0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11145.
      0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10273.
      0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -9055.3
      0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -9821.9
      0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -9506.2
      0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9370.9
      0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -10169.
      0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -9262.3
      0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -9924.4
      0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -8569.9
      0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -10516.
      0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -8811.7
      0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -9703.5
      0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -9017.5
      0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -47028.
      0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.10368E+06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -81195. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9199.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10455. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8356.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9075.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9400.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8356.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9535.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5998.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 237
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 526

CDM_TRsx - Fz (My) @ 70 (+X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | |
|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE |
| FORCE | FORCE | FORCE | | | |
| NODE | NODE | RNCE | FX | FY | FZ |
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1225.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2742.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1845.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2039.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1818.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1975.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2381.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2848.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2232.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.91 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70.851 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.32 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -890.87 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -901.41 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -844.78 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

```
513        0        0   0.00000E+00   0.00000E+00   -701.55
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -846.36
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -721.68
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -804.54
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -778.43
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -795.28
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -764.69
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -714.04
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -847.15
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -701.55
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -817.95
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -702.22
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -4786.2
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -10801.
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -8372.3
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.62
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -835.54
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -744.98
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -753.37
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -775.17
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -484.64
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2570.7
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4681.6
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1113.7
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -624.44
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -556.55
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -604.79
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -728.97
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -871.90
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -683.40
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -88.441
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -448.36
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5637.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6919.1
```

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0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -5704.3
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5346.0
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4439.6
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5356.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -4566.9
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -5091.3
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -4926.1
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5032.7
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4839.1
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4518.6
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5361.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4439.6
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5176.2
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4443.8
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -18981.
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -40463.
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -31875.
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4775.4
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5287.5
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4714.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4767.5
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4905.4
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3066.9
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2315.5
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4052.2
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -578.88
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1803.4
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5492.1
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7279.3
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8851.9
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7405.3
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6654.9
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -5827.9
0.00000E+00   0.00000E+00   0.00000E+00
```

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628        0        0   0.00000E+00   0.00000E+00   -6739.8
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -5880.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6548.9
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6234.8
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -6533.7
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6061.5
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5952.9
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6681.8
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5816.1
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6539.0
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5643.9
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -24333.
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -70397.
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -79889.
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -24083.
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6623.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5540.2
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6114.2
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -5968.7
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5590.4
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6255.7
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3670.0
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.723
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -22.265
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -3.1807
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3431.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5497.4
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4830.7
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6613.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7783.8
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6853.8
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5265.2
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5595.9
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5569.0
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5292.8
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5871.3
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5268.2
```

```
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -6048.0
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -4918.7
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5781.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5313.2
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5547.9
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5485.5
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4831.5
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5763.9
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -43657.
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -85495.
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -42364.
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5376.9
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5026.1
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5639.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -4833.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5229.9
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5437.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -2420.4
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -948.05
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8490.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9913.3
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10724.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12391.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15230.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12873.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11139.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10478.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11018.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10599.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10897.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -11067.
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -10940.
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -10647.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -10250.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11351.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10267.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
751        0        0   0.00000E+00   0.00000E+00   -10874.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -9923.4
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9983.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -92280.
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00  -0.18183E+06
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -88540.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11350.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9573.6
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10522.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10204.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9714.2
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10719.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6053.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -2933.0
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -22921.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24290.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25269.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23290.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -20530.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -22268.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -21552.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -21246.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -23055.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -20999.
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -22500.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -19429.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23842.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19978.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22000.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -20444.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -76009.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00  -0.13867E+06
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -74259.
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23703.
      0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18945.
      0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20575.
      0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21313.
      0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18945.
      0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21617.
      0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13601.
      0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -1293.7
      0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -8356.3
      0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -8356.3
      0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -10110.
      0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -10714.
      0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13493.
      0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11145.
      0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10273.
      0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -9055.3
      0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -9821.9
      0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -9506.2
      0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9370.9
      0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -10169.
      0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -9262.3
      0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -9924.4
      0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -8569.9
      0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -10516.
      0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -8811.7
      0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -9703.5
      0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -9017.5
      0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -8356.3
      0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -59852.
      0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00  -0.11557E+06
      0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -57325.
      0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -10455.
      0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -8356.3
      0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -9075.0
      0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -9400.8
      0.00000E+00   0.00000E+00   0.00000E+00
875        0        0   0.00000E+00   0.00000E+00   -8356.3
      0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9535.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5998.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 237
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 527

CDM_TRsx - Fz (My) @ 75.5 - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1231.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2727.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1875.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1987.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 484 | 1 | 0.00000E+00 | 0.00000E+00 | -1885.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2446.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2854.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1427.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -71.649 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.50 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -891.45 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -911.93 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -826.46 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -704.14 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -860.97 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -699.44 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -835.87 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -742.04 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -838.18 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -722.25 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -758.75 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -798.24 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -732.37 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
523        0        0   0.00000E+00   0.00000E+00   -811.86
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -751.48
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -639.84
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -682.06
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -822.02
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -9660.4
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -12719.
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1765.2
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -728.16
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -768.15
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -338.25
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2572.4
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4677.2
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1122.9
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -608.47
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -577.27
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -577.27
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -748.89
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -873.71
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -436.85
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -453.41
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5641.3
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6917.2
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -5770.9
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5230.1
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4456.0
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5448.4
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -4426.2
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -5289.6
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -4695.8
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5304.2
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4570.6
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4801.5
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5051.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4634.6
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5137.7
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4755.6
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4049.1
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4316.2
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -5202.0
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -36634.
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -47324.
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -8532.1
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4607.9
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4861.0
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -2140.5
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2315.5
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4052.2
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -578.88
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1808.5
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5480.6
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7282.9
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8850.0
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7472.2
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6538.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -5844.4
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6832.5
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -5739.7
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6748.0
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6003.7
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -6806.2
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -5792.0
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -6236.8
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6371.1
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6011.8
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6500.3
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5480.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
639        0        0   0.00000E+00   0.00000E+00   -6151.3
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5134.8
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5500.5
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6699.0
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -70401.
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00  -0.10217E+06
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -21353.
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -5480.6
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5906.9
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6211.1
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -2740.3
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.723
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -22.265
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -3.1807
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3431.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5497.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4830.6
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6613.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7783.8
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6854.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5264.5
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5596.0
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5569.5
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5292.1
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5872.4
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5266.9
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -6049.5
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -4917.2
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5783.2
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5311.5
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5549.0
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5485.3
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4830.6
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5623.1
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4370.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4768.6
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6030.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -54349.
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -91095.
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -27088.
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -4830.6
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5231.6
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5436.8
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -2415.3
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -948.05
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8490.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9913.3
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10724.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12391.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15230.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12873.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11139.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10478.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11018.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10599.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10897.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -11067.
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746        0        0   0.00000E+00   0.00000E+00   -10940.
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -10647.
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748        0        0   0.00000E+00   0.00000E+00   -10250.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11351.
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750        0        0   0.00000E+00   0.00000E+00   -10267.
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751        0        0   0.00000E+00   0.00000E+00   -10874.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -9923.4
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9983.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9073.4
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9873.5
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10881.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00  -0.11536E+06
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00  -0.19263E+06
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -56285.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10204.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9714.2
0.00000E+00   0.00000E+00   0.00000E+00
```

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762        0        0   0.00000E+00   0.00000E+00   -10719.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6053.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -2933.0
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -22921.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24290.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25269.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23290.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -20530.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -22268.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -21552.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -21246.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -23055.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -20999.
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -22500.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -19429.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23842.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19978.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22000.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -20444.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -18793.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -20423.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -20857.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -95223.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00  -0.14482E+06
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -52043.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21313.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21617.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13601.
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -1293.7
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -8356.3
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -8356.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -10110.
```

| | | | | | |
|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 851 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10714. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13493. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11145. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10273. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9055.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9821.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9506.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9370.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10169. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9262.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9924.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8569.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10516. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8811.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9703.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9017.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8356.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8289.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9007.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9199.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -74908. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.12179E+06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -37434. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9400.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8356.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9535.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5998.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 235
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 528

CDM_TRsx - Fz (My) @ 81 - Negative - Characteristic

| CONCENTRATED LOAD | | | | | |
|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE |

| FORCE NODE | FORCE NODE | FORCE RNCE | FX | FY | FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1226.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2823.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2046.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2015.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1850.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1932.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1315.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -39.199 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -674.88 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -674.88 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -929.07 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1092.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.24 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -705.54 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -828.77 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -733.69 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -800.63 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -761.83 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -802.91 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -782.96 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -734.76 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -804.29 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -716.19 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -846.27 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -686.50 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 524 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -776.31 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 525 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -718.12 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 526 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -628.40 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -677.30 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 528 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -830.87 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 529 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -761.36 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -765.80 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 531 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -674.88 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 532 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5562.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 533 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12749. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

```
534        0        0   0.00000E+00   0.00000E+00   -5733.5
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -138.61
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2562.5
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5238.3
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -2298.7
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -616.84
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -566.48
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -591.66
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -402.83
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -248.06
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5879.4
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6915.1
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6215.9
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -4464.8
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5244.7
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -4643.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5066.6
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -4821.1
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -5081.0
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -4954.8
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4649.7
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -5089.8
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -4532.2
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5355.4
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4344.3
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4912.7
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4544.4
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -3976.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4286.1
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -5257.9
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -4818.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4846.2
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -22008.
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -47508.
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      0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -22337.
      0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -877.17
      0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2306.5
      0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4613.0
      0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1763.8
      0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1097.3
      0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5633.6
      0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5467.2
      0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7525.2
      0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8847.4
      0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7940.2
      0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -5733.4
      0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6680.4
      0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -5974.8
      0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6439.1
      0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6216.2
      0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6451.0
      0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -6392.1
      0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -5876.3
      0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -6591.1
      0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -5769.7
      0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6830.7
      0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -5610.5
      0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6178.0
      0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5924.8
      0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5050.1
      0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5425.3
      0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6844.2
      0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6059.0
      0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -6244.3
      0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5517.1
      0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -30227.
      0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00  -0.10253E+06
      0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -60381.
      0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1296.2
      0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.673
      0.00000E+00   0.00000E+00   0.00000E+00
```

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651        0        0   0.00000E+00   0.00000E+00   -25.346
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -9.6911
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3445.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5493.7
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4818.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6628.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7781.8
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6943.8
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5109.4
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5781.1
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5364.6
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5525.9
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5619.8
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5515.3
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -5790.1
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -4937.1
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -6048.9
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -4982.7
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5940.6
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5100.8
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5092.0
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5562.7
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4321.5
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4585.8
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6392.0
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -4993.9
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5631.9
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5020.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -9922.8
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -91834.
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -70205.
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1693.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -6756.4
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -10789.
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -9444.6
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12953.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15230.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -13476.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -10192.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -11081.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -10755.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10518.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -11318.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -10476.
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -11661.
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -9633.5
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -11503.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -10165.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -11129.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -10469.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -9630.9
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -10965.
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -8517.5
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9204.7
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -12052.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -10254.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -10253.
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10615.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -35350.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00  -0.19366E+06
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00  -0.13413E+06
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -4233.3
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -13554.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -21707.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -18989.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -26001.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -26950.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -20682.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -22008.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -21882.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20809.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -23082.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       802        0        0   0.00000E+00   0.00000E+00   -20703.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00   -23781.
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -19324.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -22740.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -20872.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -21819.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -21557.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -18989.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -22109.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -17177.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -18743.
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -23708.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -21125.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -19761.
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -22176.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -47597.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00  -0.14644E+06
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -95752.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -9494.5
0.00000E+00   0.00000E+00   0.00000E+00
       848        0        0   0.00000E+00   0.00000E+00   -5978.4
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -9574.2
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -8375.6
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -11468.
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -13496.
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -11887.
0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -9122.5
0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -9707.4
0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -9651.7
0.00000E+00   0.00000E+00   0.00000E+00
       857        0        0   0.00000E+00   0.00000E+00   -9178.2
0.00000E+00   0.00000E+00   0.00000E+00
       858        0        0   0.00000E+00   0.00000E+00   -10181.
0.00000E+00   0.00000E+00   0.00000E+00
       859        0        0   0.00000E+00   0.00000E+00   -9131.8
0.00000E+00   0.00000E+00   0.00000E+00
       860        0        0   0.00000E+00   0.00000E+00   -10489.
0.00000E+00   0.00000E+00   0.00000E+00
       861        0        0   0.00000E+00   0.00000E+00   -8523.6
0.00000E+00   0.00000E+00   0.00000E+00
       862        0        0   0.00000E+00   0.00000E+00   -10030.
0.00000E+00   0.00000E+00   0.00000E+00
       863        0        0   0.00000E+00   0.00000E+00   -9206.0
0.00000E+00   0.00000E+00   0.00000E+00
       864        0        0   0.00000E+00   0.00000E+00   -9623.9
0.00000E+00   0.00000E+00   0.00000E+00
       865        0        0   0.00000E+00   0.00000E+00   -9508.1
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8375.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9751.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7576.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8267.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10457. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9317.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8716.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9781.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -34157. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.12251E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -76458. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4187.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 230
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 529

CDM_TRsx - Fz (My) @ 0 - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55.160 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5911.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9305.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2060.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.38 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.48 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -369.92 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.35 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -369.43 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.38 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -317.05 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -282.35 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -272.20 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -327.20 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
493       0       0   0.00000E+00   0.00000E+00   -347.17
0.00000E+00   0.00000E+00   0.00000E+00
494       0       0   0.00000E+00   0.00000E+00   -437.35
0.00000E+00   0.00000E+00   0.00000E+00
495       0       0   0.00000E+00   0.00000E+00   -357.64
0.00000E+00   0.00000E+00   0.00000E+00
496       0       0   0.00000E+00   0.00000E+00   -374.71
0.00000E+00   0.00000E+00   0.00000E+00
497       0       0   0.00000E+00   0.00000E+00   -1004.5
0.00000E+00   0.00000E+00   0.00000E+00
498       0       0   0.00000E+00   0.00000E+00   -981.87
0.00000E+00   0.00000E+00   0.00000E+00
499       0       0   0.00000E+00   0.00000E+00   -1156.7
0.00000E+00   0.00000E+00   0.00000E+00
500       0       0   0.00000E+00   0.00000E+00   -992.74
0.00000E+00   0.00000E+00   0.00000E+00
501       0       0   0.00000E+00   0.00000E+00   -1326.2
0.00000E+00   0.00000E+00   0.00000E+00
502       0       0   0.00000E+00   0.00000E+00   -1601.6
0.00000E+00   0.00000E+00   0.00000E+00
503       0       0   0.00000E+00   0.00000E+00   -1336.9
0.00000E+00   0.00000E+00   0.00000E+00
504       0       0   0.00000E+00   0.00000E+00   -1025.8
0.00000E+00   0.00000E+00   0.00000E+00
505       0       0   0.00000E+00   0.00000E+00   -1089.6
0.00000E+00   0.00000E+00   0.00000E+00
506       0       0   0.00000E+00   0.00000E+00   -1012.9
0.00000E+00   0.00000E+00   0.00000E+00
507       0       0   0.00000E+00   0.00000E+00   -790.59
0.00000E+00   0.00000E+00   0.00000E+00
508       0       0   0.00000E+00   0.00000E+00   -810.83
0.00000E+00   0.00000E+00   0.00000E+00
509       0       0   0.00000E+00   0.00000E+00   -927.40
0.00000E+00   0.00000E+00   0.00000E+00
510       0       0   0.00000E+00   0.00000E+00   -1145.0
0.00000E+00   0.00000E+00   0.00000E+00
511       0       0   0.00000E+00   0.00000E+00   -436.77
0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -408.23
0.00000E+00   0.00000E+00   0.00000E+00
531       0       0   0.00000E+00   0.00000E+00   -808.62
0.00000E+00   0.00000E+00   0.00000E+00
532       0       0   0.00000E+00   0.00000E+00   -730.11
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -828.80
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -997.03
0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -738.92
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -349.07
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -21859.
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -34009.
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -8236.1
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -1717.4
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -1857.2
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -2340.9
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -2767.7
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -2337.8
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -1717.4
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -2006.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
547        0        0   0.00000E+00   0.00000E+00   -1786.8
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1722.5
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -2070.6
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2196.9
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.7
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2263.2
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1895.9
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -2136.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1934.9
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -2206.2
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2061.4
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2567.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3124.1
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2510.8
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2270.6
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1967.8
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1944.4
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -493.37
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -248.21
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -283.90
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -350.52
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -133.71
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -124.97
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -247.54
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -223.50
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -469.84
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1818.1
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1461.2
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -587.09
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -47522.
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -74725.
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -16482.
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597        0        0   0.00000E+00   0.00000E+00   -2277.3
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2356.0
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2981.4
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.8
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2966.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2273.4
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2487.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2309.9
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2258.0
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2551.6
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2857.5
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.8
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -2932.9
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2366.6
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2407.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2289.9
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2426.8
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2353.6
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2933.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.8
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2864.9
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2537.0
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2264.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -2061.7
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621        0        0   0.00000E+00   0.00000E+00   -265.09
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -227.93
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648        0        0   0.00000E+00   0.00000E+00   -1595.5
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1302.5
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650        0        0   0.00000E+00   0.00000E+00   -963.16
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651        0        0   0.00000E+00   0.00000E+00   -42519.
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652        0        0   0.00000E+00   0.00000E+00   -66643.
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653        0        0   0.00000E+00   0.00000E+00   -14404.
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654        0        0   0.00000E+00   0.00000E+00   -2257.8
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655        0        0   0.00000E+00   0.00000E+00   -2008.1
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2578.9
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657        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2531.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2241.5
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1933.5
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2107.4
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -2158.1
0.00000E+00   0.00000E+00   0.00000E+00
```

```
663        0        0   0.00000E+00   0.00000E+00   -1933.9
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2661.6
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2697.9
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -1991.9
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668        0        0   0.00000E+00   0.00000E+00   -1957.4
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -2308.8
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -1933.2
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2040.5
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672        0        0   0.00000E+00   0.00000E+00   -2665.5
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2645.4
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -1933.8
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -2206.7
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1382.3
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678        0        0   0.00000E+00   0.00000E+00   -1.4565
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704        0        0   0.00000E+00   0.00000E+00   -1.2524
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705        0        0   0.00000E+00   0.00000E+00   -8.7667
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -7.1565
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1525.1
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -89748.
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709        0        0   0.00000E+00   0.00000E+00  -0.14166E+06
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710        0        0   0.00000E+00   0.00000E+00   -30328.
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4107.7
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712        0        0   0.00000E+00   0.00000E+00   -4235.1
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713        0        0   0.00000E+00   0.00000E+00   -4944.7
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714        0        0   0.00000E+00   0.00000E+00   -6091.6
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -4917.8
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4379.0
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3900.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -3909.6
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719        0        0   0.00000E+00   0.00000E+00   -4433.2
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720        0        0   0.00000E+00   0.00000E+00   -3774.1
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -5143.6
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6091.6
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5189.0
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4035.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
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726        0        0   0.00000E+00   0.00000E+00   -4472.4
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727        0        0   0.00000E+00   0.00000E+00   -3853.6
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728        0        0   0.00000E+00   0.00000E+00   -3910.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5272.5
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.6
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5185.3
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732        0        0   0.00000E+00   0.00000E+00   -3774.1
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4307.9
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734        0        0   0.00000E+00   0.00000E+00   -2706.5
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764        0        0   0.00000E+00   0.00000E+00   -2667.4
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765        0        0   0.00000E+00   0.00000E+00   -66578.
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766        0        0   0.00000E+00   0.00000E+00  -0.10348E+06
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767        0        0   0.00000E+00   0.00000E+00   -25912.
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769        0        0   0.00000E+00   0.00000E+00   -8839.8
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771        0        0   0.00000E+00   0.00000E+00   -12235.
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772        0        0   0.00000E+00   0.00000E+00   -9841.2
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773        0        0   0.00000E+00   0.00000E+00   -8785.1
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774        0        0   0.00000E+00   0.00000E+00   -7965.8
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775        0        0   0.00000E+00   0.00000E+00   -7619.9
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776        0        0   0.00000E+00   0.00000E+00   -9131.1
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777        0        0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10260.
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780        0        0   0.00000E+00   0.00000E+00   -10324.
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781        0        0   0.00000E+00   0.00000E+00   -8257.1
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8930.8
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7820.1
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785        0        0   0.00000E+00   0.00000E+00   -7765.5
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786        0        0   0.00000E+00   0.00000E+00   -10651.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12235.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10424.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8639.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5444.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 821 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1176.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 822 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56515. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 823 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -89082. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 824 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19821. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 825 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3489.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3899.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4332.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5396.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4340.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3874.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3513.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3360.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4027.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3340.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4525.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5396.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4553.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3642.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3340.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3939.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3449.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3425.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4698.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5396.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4597.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3340.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3810.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2401.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 226
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 530

CDM_TRsx - Fz (My) @ 5 - Negative - Frequent

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95.299 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -324.84 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -273.60 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1309.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9338.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6708.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -350.79 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -316.64 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -281.80 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -275.65 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -322.79 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -367.87 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -372.31 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -289.99 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -324.84 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -273.60 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -283.85 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -376.41 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -369.92 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -68.656 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 526 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -286.15 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -698.91 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 528 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -891.41 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 529 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -792.56 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -797.33 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 531 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -699.78 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -854.56
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -712.79
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1017.4
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -720.80
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -603.07
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -2055.6
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1731.4
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5458.4
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -34217.
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -24929.
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2766.8
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2219.9
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2003.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1783.3
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1744.4
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2042.7
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2328.0
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2766.8
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2356.1
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1835.2
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2055.6
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1731.4
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1796.2
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2382.0
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -2766.8
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2341.0
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -434.47
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -87.598
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -213.95
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -272.88
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -242.62
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -244.08
0.00000E+00   0.00000E+00   0.00000E+00
```

```
588        0        0   0.00000E+00   0.00000E+00   -214.22
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -261.60
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -273.09
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1683.7
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1428.2
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -771.76
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2191.7
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2624.8
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2221.7
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -15884.
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -74984.
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -48499.
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2849.1
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2535.6
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2310.9
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2224.2
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2595.3
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2218.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2965.6
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -2979.2
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2400.1
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2191.7
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2571.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2275.4
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2276.3
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3040.4
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -3005.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2214.8
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -909.56
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -57.888
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1447.2
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1273.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -679.32
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -1931.9
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2292.1
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1974.9
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -20258.
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -66846.
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -37013.
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2534.2
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2141.1
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -2125.9
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1932.1
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -2224.8
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2042.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2567.2
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2508.2
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2277.0
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -1931.9
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -2074.1
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2192.9
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -1932.4
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2651.0
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2675.1
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1924.9
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00  -0.31807
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -7.9517
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -6.9975
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1690.6
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4102.4
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4211.5
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3804.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
711        0        0   0.00000E+00   0.00000E+00   -78052.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00  -0.14137E+06
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -43543.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.7
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5027.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4211.0
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3908.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4136.9
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4130.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3850.7
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -5228.0
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6103.2
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5118.3
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4012.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4033.4
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4130.2
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3954.6
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4171.4
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5038.4
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.7
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5095.5
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3994.7
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4136.9
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3774.7
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -748.76
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3788.1
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8590.0
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8163.1
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -84113.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00  -0.10214E+06
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -12336.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -10173.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8483.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8696.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8056.4
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10724.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12271.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -10511.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -8376.5
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8376.5
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8803.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -9959.4
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10084.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -8056.4
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8696.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -2294.2
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1670.9
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3788.8
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3600.6
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -71653.
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -88490.
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -6428.4
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5396.9
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4487.0
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3741.8
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3835.9
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3553.5
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -4730.2
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -5412.6
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -4636.0
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3694.7
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3694.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3883.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4392.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5396.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4447.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3553.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3835.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1011.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 225
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 531

CDM_TRsx - Fz (My) @ 10 (-X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -135.64 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.83 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.45 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -318.20 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -281.07 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1387.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11922. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4253.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -313.05 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -298.61 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -300.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -374.93 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
495        0        0   0.00000E+00   0.00000E+00   -381.64
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -275.92
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -279.01
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -320.27
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -271.27
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -291.39
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -371.32
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -437.34
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -369.78
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -271.27
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -68.592
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -114.26
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -609.38
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -672.85
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -939.45
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -739.50
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -837.89
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -695.07
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -828.37
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -732.75
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1008.6
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -724.20
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -858.34
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1935.3
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1857.0
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -2013.7
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1778.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5956.5
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -43783.
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -16174.
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1981.0
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1889.7
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1902.7
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2372.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -2415.1
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -1746.1
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -1765.6
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -2026.7
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -1844.0
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -2349.8
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -2340.0
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -434.07
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -34.977
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -186.54
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -205.97
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -287.59
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -226.38
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -256.50
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -212.78
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -253.58
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -279.20
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -1681.0
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -1429.3
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -1027.9
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -2415.9
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -2425.5
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -2207.0
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -2504.5
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -2347.5
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -11141.
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -95716.
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00   -34162.
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -2512.8
0.00000E+00   0.00000E+00   0.00000E+00
603       0       0   0.00000E+00   0.00000E+00   -2244.1
0.00000E+00   0.00000E+00   0.00000E+00
604       0       0   0.00000E+00   0.00000E+00   -2370.0
0.00000E+00   0.00000E+00   0.00000E+00
605       0       0   0.00000E+00   0.00000E+00   -2454.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
606        0        0   0.00000E+00   0.00000E+00   -2223.5
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3010.4
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -3038.4
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2310.7
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2245.5
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2542.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2260.7
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2324.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3008.1
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -3004.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2219.5
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -909.15
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -57.888
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1447.2
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1273.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -680.73
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -1933.1
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2291.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -1974.1
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2292.9
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -9819.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -85270.
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -30409.
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2140.9
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -2125.6
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1932.9
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -2224.0
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2042.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2567.5
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2508.6
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2276.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -1932.2
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -2073.9
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -2192.8
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -2650.8
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -2675.1
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -1924.9
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00  -0.31807
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -7.9517
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -6.9975
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -1690.6
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -4102.4
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -4211.5
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -3804.3
0.00000E+00   0.00000E+00   0.00000E+00
711       0       0   0.00000E+00   0.00000E+00   -4268.3
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00   -4075.2
0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -20599.
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00  -0.18082E+06
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00   -64312.
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -4211.0
0.00000E+00   0.00000E+00   0.00000E+00
717       0       0   0.00000E+00   0.00000E+00   -3908.3
0.00000E+00   0.00000E+00   0.00000E+00
718       0       0   0.00000E+00   0.00000E+00   -4136.9
0.00000E+00   0.00000E+00   0.00000E+00
719       0       0   0.00000E+00   0.00000E+00   -4130.6
0.00000E+00   0.00000E+00   0.00000E+00
720       0       0   0.00000E+00   0.00000E+00   -3850.7
0.00000E+00   0.00000E+00   0.00000E+00
721       0       0   0.00000E+00   0.00000E+00   -5228.0
0.00000E+00   0.00000E+00   0.00000E+00
722       0       0   0.00000E+00   0.00000E+00   -6103.2
0.00000E+00   0.00000E+00   0.00000E+00
723       0       0   0.00000E+00   0.00000E+00   -5118.3
0.00000E+00   0.00000E+00   0.00000E+00
724       0       0   0.00000E+00   0.00000E+00   -4012.2
0.00000E+00   0.00000E+00   0.00000E+00
725       0       0   0.00000E+00   0.00000E+00   -4033.4
0.00000E+00   0.00000E+00   0.00000E+00
726       0       0   0.00000E+00   0.00000E+00   -4130.2
0.00000E+00   0.00000E+00   0.00000E+00
727       0       0   0.00000E+00   0.00000E+00   -3954.6
0.00000E+00   0.00000E+00   0.00000E+00
728       0       0   0.00000E+00   0.00000E+00   -4171.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
729        0        0   0.00000E+00   0.00000E+00   -5038.4
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.7
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5095.5
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3994.7
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4136.9
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3774.7
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -748.76
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3788.1
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8590.0
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8163.1
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -9016.8
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7736.3
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -20919.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -50939.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8483.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8696.7
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8056.4
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10724.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12271.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -10511.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -8376.5
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8376.5
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8803.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -9959.4
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10084.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -8056.4
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8696.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -2294.2
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1670.9
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -3788.8
 0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -3600.6
 0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -3341.7
 0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -3977.1
 0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -3412.3
 0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -14163.
 0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00  -0.11368E+06
 0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -41225.
 0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -3741.8
 0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -3341.7
 0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -3835.9
 0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -3553.5
 0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -3341.7
 0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -4730.2
 0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00   -5412.6
 0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -4636.0
 0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -3341.7
 0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -3694.7
 0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00   -3694.7
 0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -3341.7
 0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -3883.0
 0.00000E+00   0.00000E+00   0.00000E+00
843       0       0   0.00000E+00   0.00000E+00   -4392.9
 0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00   -5396.9
 0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -4447.8
 0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -3553.5
 0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -3835.9
 0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -3341.7
 0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -1011.9
 0.00000E+00   0.00000E+00   0.00000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =          227
    LARGEST NODE OR ELEMENT NUMBER              =          849
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L O A D  C A S E  532

CDM_TRsx - Fz (My) @ 10 (+X) - Negative - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -135.64 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.83 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.45 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -318.20 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -281.07 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -362.56 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3513.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10918. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3081.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -298.61 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -300.67 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -374.93 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -381.64 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -275.92 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -279.01 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -320.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -291.39 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -371.32 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -369.78 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -68.592 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 525 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -114.26 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 526 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -609.38 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -672.85 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 528 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -939.45 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 529 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -739.50 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -837.89 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 531 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -695.07 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
532        0        0   0.00000E+00   0.00000E+00   -828.37
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -732.75
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1008.6
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -724.20
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -858.34
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1935.3
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1857.0
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -2013.7
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1778.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2294.4
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -13754.
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -39978.
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -11869.
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1889.7
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1902.7
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2372.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2415.1
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1746.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1765.6
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2026.7
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1844.0
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2349.8
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2340.0
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -434.07
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -34.977
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -186.54
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -205.97
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -287.59
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -226.38
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -256.50
```

```
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -212.78
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -253.58
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -279.20
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1681.0
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1429.3
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -1027.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2415.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2425.5
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2207.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2504.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2347.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2911.3
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -50416.
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -75133.
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -15072.
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2244.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2370.0
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2454.8
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2223.5
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3010.4
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -3038.4
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2310.7
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2245.5
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2542.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2260.7
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2324.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3008.1
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -3004.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2219.5
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -909.15
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -57.888
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1447.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
649        0        0   0.00000E+00   0.00000E+00   -1273.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -680.73
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -1933.1
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2291.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -1974.1
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2292.9
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2483.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -70377.
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -52540.
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2237.5
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -2125.6
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1932.9
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -2224.0
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2042.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2567.5
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2508.6
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2276.5
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -1932.2
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -2073.9
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2192.8
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2650.8
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2675.1
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1924.9
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00  -0.31807
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -7.9517
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -6.9975
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1690.6
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4102.4
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4211.5
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3804.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
711       0       0   0.00000E+00   0.00000E+00   -4268.3
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00   -4075.2
0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -4998.0
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00  -0.14962E+06
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00  -0.11112E+06
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -4211.0
0.00000E+00   0.00000E+00   0.00000E+00
717       0       0   0.00000E+00   0.00000E+00   -3908.3
0.00000E+00   0.00000E+00   0.00000E+00
718       0       0   0.00000E+00   0.00000E+00   -4136.9
0.00000E+00   0.00000E+00   0.00000E+00
719       0       0   0.00000E+00   0.00000E+00   -4130.6
0.00000E+00   0.00000E+00   0.00000E+00
720       0       0   0.00000E+00   0.00000E+00   -3850.7
0.00000E+00   0.00000E+00   0.00000E+00
721       0       0   0.00000E+00   0.00000E+00   -5228.0
0.00000E+00   0.00000E+00   0.00000E+00
722       0       0   0.00000E+00   0.00000E+00   -6103.2
0.00000E+00   0.00000E+00   0.00000E+00
723       0       0   0.00000E+00   0.00000E+00   -5118.3
0.00000E+00   0.00000E+00   0.00000E+00
724       0       0   0.00000E+00   0.00000E+00   -4012.2
0.00000E+00   0.00000E+00   0.00000E+00
725       0       0   0.00000E+00   0.00000E+00   -4033.4
0.00000E+00   0.00000E+00   0.00000E+00
726       0       0   0.00000E+00   0.00000E+00   -4130.2
0.00000E+00   0.00000E+00   0.00000E+00
727       0       0   0.00000E+00   0.00000E+00   -3954.6
0.00000E+00   0.00000E+00   0.00000E+00
728       0       0   0.00000E+00   0.00000E+00   -4171.4
0.00000E+00   0.00000E+00   0.00000E+00
729       0       0   0.00000E+00   0.00000E+00   -5038.4
0.00000E+00   0.00000E+00   0.00000E+00
730       0       0   0.00000E+00   0.00000E+00   -6091.7
0.00000E+00   0.00000E+00   0.00000E+00
731       0       0   0.00000E+00   0.00000E+00   -5095.5
0.00000E+00   0.00000E+00   0.00000E+00
732       0       0   0.00000E+00   0.00000E+00   -3994.7
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -4136.9
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -3774.7
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -748.76
0.00000E+00   0.00000E+00   0.00000E+00
764       0       0   0.00000E+00   0.00000E+00   -3788.1
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -8590.0
0.00000E+00   0.00000E+00   0.00000E+00
766       0       0   0.00000E+00   0.00000E+00   -8163.1
0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -9016.8
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -7736.3
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -10191.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00  -0.11093E+06
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -83123.
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -8483.3
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
775        0        0   0.00000E+00   0.00000E+00   -8696.7
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8056.4
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10724.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12271.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -10511.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -8376.5
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8376.5
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8803.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -9959.4
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10084.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -8056.4
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8696.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -2294.2
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1670.9
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3788.8
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3600.6
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3977.1
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3412.3
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4494.8
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -94342.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -70229.
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3741.8
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3835.9
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3553.5
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -4730.2
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -5412.6
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -4636.0
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3694.7
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3694.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3883.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4392.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5396.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4447.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3553.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3835.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1011.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 227
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 533

CDM_TRsx - Fz (My) @ 16 (-X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -135.64 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.83 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.45 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -318.20 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -281.07 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -362.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.88 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -313.05 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6423.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9322.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1531.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -374.93 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
495       0       0   0.00000E+00   0.00000E+00   -381.64
0.00000E+00   0.00000E+00   0.00000E+00
496       0       0   0.00000E+00   0.00000E+00   -275.92
0.00000E+00   0.00000E+00   0.00000E+00
497       0       0   0.00000E+00   0.00000E+00   -279.01
0.00000E+00   0.00000E+00   0.00000E+00
498       0       0   0.00000E+00   0.00000E+00   -320.27
0.00000E+00   0.00000E+00   0.00000E+00
499       0       0   0.00000E+00   0.00000E+00   -271.27
0.00000E+00   0.00000E+00   0.00000E+00
500       0       0   0.00000E+00   0.00000E+00   -291.39
0.00000E+00   0.00000E+00   0.00000E+00
501       0       0   0.00000E+00   0.00000E+00   -371.32
0.00000E+00   0.00000E+00   0.00000E+00
502       0       0   0.00000E+00   0.00000E+00   -437.34
0.00000E+00   0.00000E+00   0.00000E+00
503       0       0   0.00000E+00   0.00000E+00   -369.78
0.00000E+00   0.00000E+00   0.00000E+00
504       0       0   0.00000E+00   0.00000E+00   -271.27
0.00000E+00   0.00000E+00   0.00000E+00
505       0       0   0.00000E+00   0.00000E+00   -68.592
0.00000E+00   0.00000E+00   0.00000E+00
523       0       0   0.00000E+00   0.00000E+00   -50.045
0.00000E+00   0.00000E+00   0.00000E+00
524       0       0   0.00000E+00   0.00000E+00   -689.09
0.00000E+00   0.00000E+00   0.00000E+00
525       0       0   0.00000E+00   0.00000E+00   -712.19
0.00000E+00   0.00000E+00   0.00000E+00
526       0       0   0.00000E+00   0.00000E+00   -719.88
0.00000E+00   0.00000E+00   0.00000E+00
527       0       0   0.00000E+00   0.00000E+00   -703.20
0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -872.59
0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -768.65
0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -823.83
0.00000E+00   0.00000E+00   0.00000E+00
531       0       0   0.00000E+00   0.00000E+00   -719.88
0.00000E+00   0.00000E+00   0.00000E+00
532       0       0   0.00000E+00   0.00000E+00   -796.88
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -755.95
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -997.79
0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -727.92
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -858.34
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -1935.3
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -1857.0
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -2013.7
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -1778.7
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -2294.4
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -2258.5
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -1981.0
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -23689.
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -34116.
0.00000E+00   0.00000E+00   0.00000E+00
```

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548        0        0   0.00000E+00   0.00000E+00   -6297.2
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2372.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2415.1
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1746.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1765.6
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2026.7
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1844.0
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2349.8
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2340.0
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -434.07
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -15.320
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -210.95
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -218.02
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -220.37
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -215.27
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -267.12
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -235.30
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -252.19
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -220.37
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -243.94
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -286.30
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1677.7
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1430.4
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -1027.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2415.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2425.5
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2207.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2504.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2347.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2911.3
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2887.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2512.8
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -51624.
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -74794.
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -12331.
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2223.5
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3010.4
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -3038.4
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2310.7
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2245.5
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2542.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2260.7
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2324.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3008.1
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -3004.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2219.5
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -909.15
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -57.888
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1447.2
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1273.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -680.73
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -1933.1
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2291.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -1974.1
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2292.9
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2483.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2534.4
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2140.9
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -46138.
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -66484.
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
663        0        0   0.00000E+00   0.00000E+00   -2042.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2567.5
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2508.6
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2276.5
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -1932.2
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -2073.9
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2192.8
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2650.8
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2675.1
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1924.9
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00  -0.31807
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -7.9517
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -6.9975
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1327.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4525.4
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3810.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -3954.9
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -4381.3
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -4896.5
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -4886.0
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4412.9
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -97530.
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00  -0.14121E+06
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -23063.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3844.3
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -5125.5
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5189.0
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4035.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
725       0       0   0.00000E+00   0.00000E+00   -3909.8
0.00000E+00   0.00000E+00   0.00000E+00
726       0       0   0.00000E+00   0.00000E+00   -4246.5
0.00000E+00   0.00000E+00   0.00000E+00
727       0       0   0.00000E+00   0.00000E+00   -3948.3
0.00000E+00   0.00000E+00   0.00000E+00
728       0       0   0.00000E+00   0.00000E+00   -4081.2
0.00000E+00   0.00000E+00   0.00000E+00
729       0       0   0.00000E+00   0.00000E+00   -5098.8
0.00000E+00   0.00000E+00   0.00000E+00
730       0       0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
731       0       0   0.00000E+00   0.00000E+00   -5105.6
0.00000E+00   0.00000E+00   0.00000E+00
732       0       0   0.00000E+00   0.00000E+00   -3966.0
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -4158.3
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -748.52
0.00000E+00   0.00000E+00   0.00000E+00
764       0       0   0.00000E+00   0.00000E+00   -2664.7
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
766       0       0   0.00000E+00   0.00000E+00   -9134.2
0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -7596.3
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -8047.1
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -8683.4
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -9876.6
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -9735.1
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -9107.6
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -71991.
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00  -0.10243E+06
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -21584.
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -10407.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -10729.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -7649.4
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -7994.0
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -8736.4
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -8524.3
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -10146.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -10115.
0.00000E+00   0.00000E+00   0.00000E+00
```

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789        0        0   0.00000E+00   0.00000E+00   -7967.5
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8763.0
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -2293.5
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1175.3
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3333.0
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -4028.9
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3350.6
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3549.4
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3830.1
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4356.3
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5395.2
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4294.0
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -4017.2
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -61370.
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -88616.
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -15443.
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3333.0
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -4590.2
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -5395.2
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -4732.5
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3374.0
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3526.0
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -3853.4
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3333.0
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -3759.9
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -4475.2
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -5395.2
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -4461.6
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -3514.3
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -3865.1
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -3333.0
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -1011.6
0.00000E+00   0.00000E+00   0.00000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =          231
    LARGEST NODE OR ELEMENT NUMBER              =          849
```

L O A D C A S E 534

CDM_TRsx - Fz (My) @ 16 (+X) - Negative - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -135.64 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.83 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.45 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -318.20 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -281.07 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -362.56 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.88 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -313.05 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6963.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9324.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -989.05 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -374.93 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -381.64 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -275.92 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -279.01 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -320.27 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -291.39 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -371.32 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -369.78 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -68.592 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -248.36 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 524 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -725.22 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 525 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -832.52 |

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0.00000E+00   0.00000E+00   0.00000E+00
526       0       0   0.00000E+00   0.00000E+00   -633.83
0.00000E+00   0.00000E+00   0.00000E+00
527       0       0   0.00000E+00   0.00000E+00   -696.75
0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -895.44
0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -788.14
0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -800.73
0.00000E+00   0.00000E+00   0.00000E+00
531       0       0   0.00000E+00   0.00000E+00   -699.39
0.00000E+00   0.00000E+00   0.00000E+00
532       0       0   0.00000E+00   0.00000E+00   -852.39
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -714.47
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -1016.7
0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -721.09
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -858.34
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -1935.3
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -1857.0
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -2013.7
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -1778.7
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -2294.4
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -2258.5
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -1981.0
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -25693.
0.00000E+00   0.00000E+00   0.00000E+00
548       0       0   0.00000E+00   0.00000E+00   -34129.
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -4280.2
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -2372.7
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -2415.1
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -1746.1
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -1765.6
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -2026.7
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -1844.0
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -2349.8
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -2340.0
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
```

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562        0        0   0.00000E+00   0.00000E+00   -434.07
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -76.030
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -222.01
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -254.85
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -194.03
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -213.29
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -274.11
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -241.27
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -245.12
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -214.10
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -260.93
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -273.60
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1683.5
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1428.3
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -1027.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2415.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2425.5
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2207.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2504.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2347.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2911.3
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2887.8
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2512.8
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2244.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -55865.
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -74878.
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -7984.5
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3010.4
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -3038.4
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2310.7
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2245.5
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2542.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2260.7
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2324.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3008.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -3004.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2219.5
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -909.15
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -57.888
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1447.2
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1273.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -680.73
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -1933.1
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2291.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -1974.1
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2292.9
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2483.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2534.4
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2140.9
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -2125.6
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -49613.
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -66776.
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -7176.9
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2567.5
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2508.6
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2276.5
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -1932.2
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -2073.9
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2192.8
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2650.8
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2675.1
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1924.9
0.00000E+00   0.00000E+00   0.00000E+00
```

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677        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00  -0.31807
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -7.9517
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -6.9975
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1327.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4525.4
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3810.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -3954.9
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -4381.3
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -4896.5
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -4886.0
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4412.9
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3923.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00  -0.10533E+06
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00  -0.14163E+06
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -14765.
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -5125.5
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5189.0
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4035.9
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -3909.8
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4246.5
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727        0        0   0.00000E+00   0.00000E+00   -3948.3
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4081.2
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5098.8
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5105.6
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3966.0
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4158.3
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -748.52
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -2664.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -9134.2
```

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0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -7596.3
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -8047.1
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -8683.4
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -9876.6
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -9735.1
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -9107.6
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -7622.8
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -77753.
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00  -0.10312E+06
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -15066.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -10407.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -10729.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -7649.4
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782       0       0   0.00000E+00   0.00000E+00   -7994.0
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -8736.4
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -8524.3
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -10146.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -12232.
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788       0       0   0.00000E+00   0.00000E+00   -10115.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -7967.5
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -8763.0
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -2293.5
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -1175.3
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -3333.0
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -4028.9
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -3350.6
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -3549.4
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -3830.1
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -4356.3
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -5395.2
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -4294.0
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -4017.2
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3362.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -66379. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -88920. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10101. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4590.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5395.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4732.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3374.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3526.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3853.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3333.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3759.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4475.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5395.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4461.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3514.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3865.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3333.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1011.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 231
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 535

CDM_TRsx - Fz (My) @ 20 - Negative - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -134.88 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -308.96 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.60 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.29 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -326.26 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -269.76 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -366.98 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
486        0        0   0.00000E+00   0.00000E+00   -437.05
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -375.29
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -285.54
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -274.34
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -323.21
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -2833.2
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -9318.1
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -5188.5
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -437.05
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -363.93
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -277.40
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -320.15
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -269.76
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -297.76
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -299.79
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -356.46
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -437.05
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -354.26
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -248.39
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -616.53
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -790.64
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -886.65
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -737.55
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -836.77
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -782.08
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -843.73
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -769.16
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -758.17
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -801.84
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -644.14
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -706.82
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -876.65
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -808.72
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -784.86
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -704.80
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -855.22
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -763.11
```

```
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -1078.4
0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -717.86
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -853.56
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -1955.1
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -1826.3
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -1716.8
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -2064.7
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -1707.1
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -2322.3
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -2765.8
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -2374.9
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -1807.0
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -1736.1
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -2045.3
0.00000E+00   0.00000E+00   0.00000E+00
548       0       0   0.00000E+00   0.00000E+00   -10862.
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -34092.
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -19548.
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -2765.8
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -2303.0
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -1755.4
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -2026.0
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -1707.1
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -1884.3
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -1897.2
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -2255.8
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -2765.8
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -2241.8
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -1571.8
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -188.73
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -242.03
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -271.42
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -225.78
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -256.16
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -239.41
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -258.28
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -235.46
0.00000E+00   0.00000E+00   0.00000E+00
```

```
581        0        0   0.00000E+00   0.00000E+00   -232.09
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -245.46
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -197.19
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -216.37
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -268.36
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -247.57
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -240.26
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -215.75
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -261.80
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -606.68
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -2054.0
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1416.2
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -1023.2
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2435.7
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2394.7
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2207.1
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2555.6
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2275.6
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2939.3
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3538.9
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -3004.7
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2338.2
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2263.6
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2526.2
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -13888.
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -54042.
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -61335.
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -2925.9
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2320.1
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2506.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2221.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2428.9
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2377.5
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2913.7
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3538.9
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2905.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
618       0       0   0.00000E+00   0.00000E+00   -2074.2
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -393.46
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -1818.0
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -1261.8
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -680.70
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -1933.2
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -2290.8
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -1974.4
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -2292.5
0.00000E+00   0.00000E+00   0.00000E+00
656       0       0   0.00000E+00   0.00000E+00   -2483.7
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -2535.0
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -2140.0
0.00000E+00   0.00000E+00   0.00000E+00
660       0       0   0.00000E+00   0.00000E+00   -2125.7
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -1933.7
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -2312.4
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -24257.
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -77192.
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -23552.
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -2508.0
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -2276.5
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -1933.6
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -2072.2
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -2193.7
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -1932.9
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -2650.3
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -2674.6
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -2025.0
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
```

```
704        0        0   0.00000E+00   0.00000E+00   -2.1619
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -9.9893
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -6.9328
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1327.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4525.4
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3810.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -3954.9
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -4381.3
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -4896.5
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -4886.0
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4412.9
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3923.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -3918.3
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4341.9
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -50648.
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00  -0.16426E+06
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -49774.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5189.0
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4035.9
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -3909.8
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4246.5
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3948.3
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4081.2
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5098.8
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5105.6
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3966.0
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4158.3
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -748.52
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -2664.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -9134.2
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7596.3
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8047.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -8683.4
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -9876.6
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -9735.1
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -9107.6
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -7622.8
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -8020.6
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -8709.9
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -39741.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00  -0.11983E+06
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -42270.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -10729.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -7649.4
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -7994.0
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -8736.4
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -8524.3
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -10146.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -10115.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -7967.5
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -8763.0
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -2293.5
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -1175.3
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -3333.0
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -4028.9
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -3350.6
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -3549.4
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -3830.1
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -4356.3
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -5395.2
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -4294.0
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -4017.2
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -3362.3
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -3537.7
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3841.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32337. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.10320E+06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32466. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4732.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3374.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3526.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3853.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3333.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3759.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4475.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5395.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4461.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3514.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3865.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3333.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1011.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 243
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 536

CDM_TRsx - Fz (My) @ 22 (-X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | |
|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFFRNCE | FORCE FX | FORCE FY | FORCE FZ |
| FORCE MX | FORCE MY | FORCE MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -516.58 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -643.87 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -291.02 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.81 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.62 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -364.80 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.21 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -366.17 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

```
488        0        0   0.00000E+00   0.00000E+00   -299.22
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -270.53
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -315.61
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -282.82
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -274.62
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -11867.
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -5359.1
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -373.00
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -270.53
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -307.41
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -291.02
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -270.53
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -323.81
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -349.77
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -437.21
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -356.60
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -270.53
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -28.692
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -9.0598
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -726.65
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -726.92
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -902.78
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -717.76
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -809.72
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -753.66
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -660.23
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -722.52
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -847.09
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -840.86
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -759.89
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -722.52
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -840.86
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -739.72
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1048.5
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -722.05
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -972.70
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2048.4
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1841.6
 0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1711.9
 0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -2049.2
 0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1737.9
 0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2308.5
 0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2766.8
 0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2317.2
 0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1893.5
 0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1711.9
 0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1997.3
 0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1789.8
 0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1737.9
 0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -43437.
 0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -20345.
 0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2360.4
 0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1711.9
 0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1945.4
 0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1841.6
 0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1711.9
 0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2049.2
 0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2213.4
 0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -2766.8
 0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2256.7
 0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1711.9
 0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -181.57
 0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2.7734
 0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -222.44
 0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -222.53
 0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -276.36
 0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -219.72
 0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -247.87
 0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -230.71
 0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -202.11
 0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -221.18
 0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -259.31
 0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -257.41
 0.00000E+00   0.00000E+00   0.00000E+00
```

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587        0        0   0.00000E+00   0.00000E+00   -232.62
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -221.18
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -257.41
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -442.57
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1833.8
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1456.0
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -1025.6
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2425.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2410.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2202.2
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2540.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2306.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2925.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2946.7
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2425.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2239.4
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2478.0
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2341.4
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2244.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -69471.
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -65944.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -5846.1
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2276.5
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2425.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2356.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2255.9
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2530.1
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2871.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2920.5
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2214.8
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -655.74
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -227.93
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1595.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -1302.5
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -680.71
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -1933.2
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -2290.9
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -1974.3
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -2292.7
0.00000E+00   0.00000E+00   0.00000E+00
656       0       0   0.00000E+00   0.00000E+00   -2483.6
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -2534.7
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -2140.5
0.00000E+00   0.00000E+00   0.00000E+00
660       0       0   0.00000E+00   0.00000E+00   -2125.5
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -1933.5
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -2223.4
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -2042.2
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -32167.
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -85041.
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -8348.0
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -2276.3
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -1933.2
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -2072.9
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -2192.8
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -1933.8
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -2650.1
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -2674.7
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -1923.5
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -1.2524
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -8.7667
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -7.1565
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -1327.5
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -4525.4
0.00000E+00   0.00000E+00   0.00000E+00
```

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       710        0        0   0.00000E+00   0.00000E+00   -3810.8
   0.00000E+00   0.00000E+00   0.00000E+00
       711        0        0   0.00000E+00   0.00000E+00   -3954.9
   0.00000E+00   0.00000E+00   0.00000E+00
       712        0        0   0.00000E+00   0.00000E+00   -4381.3
   0.00000E+00   0.00000E+00   0.00000E+00
       713        0        0   0.00000E+00   0.00000E+00   -4896.5
   0.00000E+00   0.00000E+00   0.00000E+00
       714        0        0   0.00000E+00   0.00000E+00   -6090.4
   0.00000E+00   0.00000E+00   0.00000E+00
       715        0        0   0.00000E+00   0.00000E+00   -4886.0
   0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -4412.9
   0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -3923.3
   0.00000E+00   0.00000E+00   0.00000E+00
       718        0        0   0.00000E+00   0.00000E+00   -3918.3
   0.00000E+00   0.00000E+00   0.00000E+00
       719        0        0   0.00000E+00   0.00000E+00   -4341.9
   0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -3844.3
   0.00000E+00   0.00000E+00   0.00000E+00
       721        0        0   0.00000E+00   0.00000E+00   -67530.
   0.00000E+00   0.00000E+00   0.00000E+00
       722        0        0   0.00000E+00   0.00000E+00  -0.18082E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       723        0        0   0.00000E+00   0.00000E+00   -17670.
   0.00000E+00   0.00000E+00   0.00000E+00
       724        0        0   0.00000E+00   0.00000E+00   -4035.9
   0.00000E+00   0.00000E+00   0.00000E+00
       725        0        0   0.00000E+00   0.00000E+00   -3909.8
   0.00000E+00   0.00000E+00   0.00000E+00
       726        0        0   0.00000E+00   0.00000E+00   -4246.5
   0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -3948.3
   0.00000E+00   0.00000E+00   0.00000E+00
       728        0        0   0.00000E+00   0.00000E+00   -4081.2
   0.00000E+00   0.00000E+00   0.00000E+00
       729        0        0   0.00000E+00   0.00000E+00   -5098.8
   0.00000E+00   0.00000E+00   0.00000E+00
       730        0        0   0.00000E+00   0.00000E+00   -6090.4
   0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -5105.6
   0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -3966.0
   0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -4158.3
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -3768.4
   0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -748.52
   0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -2664.7
   0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -7556.6
   0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -9134.2
   0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -7596.3
   0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -8047.1
   0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -8683.4
   0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -9876.6
   0.00000E+00   0.00000E+00   0.00000E+00
       771        0        0   0.00000E+00   0.00000E+00   -12232.
   0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -9735.1
   0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -9107.6
   0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -7622.8
```

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0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -8020.6
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -8709.9
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -53319.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -19312.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -7649.4
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -7994.0
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -8736.4
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -8524.3
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -10146.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -10115.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -7967.5
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -8763.0
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -2293.5
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -1175.3
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -3333.0
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -4028.9
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -3350.6
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -3549.4
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -3830.1
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -4356.3
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -5395.2
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -4294.0
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -4017.2
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -3362.3
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -3537.7
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -3841.8
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -3333.0
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -43262.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00  -0.11368E+06
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -12467.
0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -3374.0
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3526.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3853.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3333.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3759.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4475.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5395.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4461.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3514.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3865.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3333.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1011.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 239
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 537

CDM_TRsx - Fz (My) @ 22 (+X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -512.09 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -904.06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -322.42 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.81 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -364.80 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -366.17 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -299.22 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -315.61 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -282.82 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2433.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
494        0        0   0.00000E+00   0.00000E+00   -11922.
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -3244.1
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -270.53
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -307.41
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -291.02
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -270.53
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -323.81
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -349.77
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -437.21
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -356.60
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -270.53
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -28.692
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -632.34
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -772.02
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -821.88
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -817.61
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -757.06
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -827.96
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -707.95
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -686.07
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -747.70
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -799.03
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -892.61
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -719.27
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -750.97
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -817.39
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -743.84
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1056.5
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -718.31
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -971.33
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2128.0
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1851.3
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -2049.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1737.9
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2308.5
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2766.8
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2317.2
 0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1893.5
 0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1711.9
 0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1997.3
 0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1789.8
 0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1737.9
 0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -9745.2
 0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -43782.
 0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -12614.
 0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1711.9
 0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1945.4
 0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1841.6
 0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1711.9
 0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2049.2
 0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2213.4
 0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -2766.8
 0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2256.7
 0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1711.9
 0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -181.57
 0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -193.57
 0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -236.33
 0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -251.59
 0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -250.29
 0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -231.75
 0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -253.46
 0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -216.72
 0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -210.02
 0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -228.89
 0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -244.60
 0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -273.25
 0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -220.19
 0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -229.89
 0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -250.22
 0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -443.83
 0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1836.3
 0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1454.9
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
593        0        0   0.00000E+00   0.00000E+00   -1025.6
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2425.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2410.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2202.2
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2540.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2306.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2925.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2946.7
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2425.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2239.4
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2478.0
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2341.4
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2244.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -19519.
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -95715.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -26027.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2276.5
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2425.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2356.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2255.9
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2530.1
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2871.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2920.5
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2214.8
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -655.74
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -227.93
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1595.5
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1302.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -680.71
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -1933.2
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2290.9
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -1974.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -2292.7
0.00000E+00   0.00000E+00   0.00000E+00
656       0       0   0.00000E+00   0.00000E+00   -2483.6
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -2534.7
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -2140.5
0.00000E+00   0.00000E+00   0.00000E+00
660       0       0   0.00000E+00   0.00000E+00   -2125.5
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -1933.5
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -2223.4
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -2042.2
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -17239.
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -85270.
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -23047.
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -2276.3
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -1933.2
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -2072.9
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -2192.8
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -1933.8
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -2650.1
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -2674.7
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -1923.5
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -1.2524
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -8.7667
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -7.1565
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -968.74
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -3761.9
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -4187.9
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -4140.7
0.00000E+00   0.00000E+00   0.00000E+00
711       0       0   0.00000E+00   0.00000E+00   -3789.9
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00   -4393.9
0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -4940.8
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00   -6088.9
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00   -4967.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
716        0        0   0.00000E+00   0.00000E+00   -4169.1
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -4159.5
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -3761.9
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4431.1
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3897.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -36260.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18082E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -48777.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4178.3
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -3787.4
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4361.2
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3941.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -3991.9
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5158.2
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6088.9
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5115.3
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3937.4
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4179.3
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3761.9
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -748.24
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -1554.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8089.9
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -8617.0
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -8722.4
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10014.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12227.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9987.2
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8353.5
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -8353.5
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8985.9
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7721.0
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -31654.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13238E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -40474.
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -8089.9
      0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7615.6
      0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9091.3
      0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7536.6
      0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8248.0
      0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10330.
      0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12227.
      0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10145.
      0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7879.1
      0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8827.8
      0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7536.6
      0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -2292.6
      0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -685.76
      0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3324.2
      0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3568.3
      0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3800.7
      0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3324.2
      0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3847.2
      0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4416.8
      0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5393.1
      0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4405.1
      0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3684.5
      0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3684.5
      0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3324.2
      0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3963.5
      0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3405.6
      0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -23834.
      0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00  -0.11367E+06
      0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -31673.
      0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3568.3
      0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3359.1
      0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -4010.0
      0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3324.2
      0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -3638.0
      0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -4556.3
      0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -5393.1
      0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4474.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3475.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3893.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3324.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1011.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 239
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 538

CDM_TRsx - Fz (My) @ 28 - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -489.47 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1126.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1022.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -808.11 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -318.65 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -280.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -362.74 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.33 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -357.62 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -311.95 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -299.96 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -299.25 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -375.43 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.33 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -383.02 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2837.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9304.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5137.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
500        0        0   0.00000E+00   0.00000E+00   -293.96
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -369.61
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -437.33
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -368.73
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -122.21
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -73.121
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -727.42
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -787.24
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -846.12
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -773.95
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -859.41
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -797.37
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -859.04
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -736.74
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -873.57
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -734.06
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -899.30
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -715.84
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -818.28
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -745.64
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -662.90
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -725.12
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -842.16
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -846.20
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -755.73
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -725.46
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -838.46
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -812.36
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1089.5
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -718.69
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -966.48
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2187.4
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -2079.0
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1880.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -2016.5
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1775.5
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2295.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.5
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2263.1
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1974.1
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1716.3
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1898.2
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1893.7
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1716.3
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2375.8
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.5
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2423.8
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -10888.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -34006.
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -19224.
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1716.3
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1860.3
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2339.0
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -2767.5
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2333.4
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -773.35
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -22.384
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -222.68
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -240.99
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -259.02
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -236.92
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -263.09
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -244.09
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -262.97
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -225.53
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -267.42
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -224.71
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -275.30
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -219.14
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -250.49
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -228.26
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -202.93
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -221.98
0.00000E+00   0.00000E+00   0.00000E+00
```

```
585        0        0   0.00000E+00   0.00000E+00   -257.80
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -259.04
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -231.34
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -222.08
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -256.67
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -899.63
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -2088.3
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1437.0
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -957.76
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2415.4
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2358.6
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2270.9
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2496.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2305.2
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2941.8
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.4
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2908.2
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2459.2
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2289.0
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2377.4
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2405.8
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2261.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3000.9
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.4
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -3042.2
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -17507.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -74695.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -46555.
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2279.9
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2339.3
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2991.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.4
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2993.5
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -1279.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -472.27
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -472.27
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -3.4058
```

```
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -686.52
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -1850.6
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -1283.5
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -396.52
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -1928.1
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -2024.5
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -2235.7
0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -1928.6
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -2134.6
0.00000E+00   0.00000E+00   0.00000E+00
656       0       0   0.00000E+00   0.00000E+00   -2603.0
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -3112.7
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -2598.2
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -1951.4
0.00000E+00   0.00000E+00   0.00000E+00
660       0       0   0.00000E+00   0.00000E+00   -2309.5
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -1927.9
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -2061.5
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -2198.8
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -2515.9
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -3112.7
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -2488.5
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -9671.0
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -66529.
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -47414.
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -2272.6
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -1927.7
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -2626.3
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -3112.7
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -2658.6
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -2046.1
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -1917.4
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1917.4
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -13.828
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -3.7721
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -10.168
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -7.0521
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -270.20
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       708        0        0   0.00000E+00   0.00000E+00   -3323.4
   0.00000E+00   0.00000E+00   0.00000E+00
       709        0        0   0.00000E+00   0.00000E+00   -4061.0
   0.00000E+00   0.00000E+00   0.00000E+00
       710        0        0   0.00000E+00   0.00000E+00   -3983.6
   0.00000E+00   0.00000E+00   0.00000E+00
       711        0        0   0.00000E+00   0.00000E+00   -4206.1
   0.00000E+00   0.00000E+00   0.00000E+00
       712        0        0   0.00000E+00   0.00000E+00   -3996.1
   0.00000E+00   0.00000E+00   0.00000E+00
       713        0        0   0.00000E+00   0.00000E+00   -5070.4
   0.00000E+00   0.00000E+00   0.00000E+00
       714        0        0   0.00000E+00   0.00000E+00   -6091.0
   0.00000E+00   0.00000E+00   0.00000E+00
       715        0        0   0.00000E+00   0.00000E+00   -5055.5
   0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -4104.3
   0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -4034.5
   0.00000E+00   0.00000E+00   0.00000E+00
       718        0        0   0.00000E+00   0.00000E+00   -4112.0
   0.00000E+00   0.00000E+00   0.00000E+00
       719        0        0   0.00000E+00   0.00000E+00   -4039.4
   0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -3958.2
   0.00000E+00   0.00000E+00   0.00000E+00
       721        0        0   0.00000E+00   0.00000E+00   -5174.8
   0.00000E+00   0.00000E+00   0.00000E+00
       722        0        0   0.00000E+00   0.00000E+00   -6114.6
   0.00000E+00   0.00000E+00   0.00000E+00
       723        0        0   0.00000E+00   0.00000E+00   -5108.7
   0.00000E+00   0.00000E+00   0.00000E+00
       724        0        0   0.00000E+00   0.00000E+00   -11888.
   0.00000E+00   0.00000E+00   0.00000E+00
       725        0        0   0.00000E+00   0.00000E+00   -96515.
   0.00000E+00   0.00000E+00   0.00000E+00
       726        0        0   0.00000E+00   0.00000E+00  -0.12091E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -36471.
   0.00000E+00   0.00000E+00   0.00000E+00
       728        0        0   0.00000E+00   0.00000E+00   -4159.1
   0.00000E+00   0.00000E+00   0.00000E+00
       729        0        0   0.00000E+00   0.00000E+00   -5027.5
   0.00000E+00   0.00000E+00   0.00000E+00
       730        0        0   0.00000E+00   0.00000E+00   -6091.0
   0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -5085.1
   0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -4009.5
   0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -4135.5
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -3770.6
   0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -751.08
   0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -6190.6
   0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -8266.2
   0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -7574.3
   0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -8921.7
   0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -7829.2
   0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -10160.
   0.00000E+00   0.00000E+00   0.00000E+00
       771        0        0   0.00000E+00   0.00000E+00   -12235.
   0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -10123.
   0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -8557.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -8630.4
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -8120.6
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -10670.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -12308.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -10524.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -40523.
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00  -0.10282E+06
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -52632.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -8776.0
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -9977.7
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -12235.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -10087.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -8047.7
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -8703.2
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -2294.1
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -2730.5
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -3646.0
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -3340.9
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -3935.2
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -3453.3
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -4481.3
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -5396.8
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -4465.2
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -3774.5
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -3340.9
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -3806.7
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -3581.8
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -3340.9
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -4706.1
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00   -5428.9
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -4641.9
0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -3340.9
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32682. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -88788. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -43946. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3870.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4401.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5396.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4449.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3549.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3838.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3340.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1011.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 251
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 539

CDM_TRsx - Fz (My) @ 34 (-X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -474.93 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1163.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -965.59 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1132.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -997.06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1056.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -968.48 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -569.47 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -54.551 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -294.83 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -320.81 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.05 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -292.24 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -302.63 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -267.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
501        0        0   0.00000E+00   0.00000E+00   -9816.7
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -7411.7
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -367.57
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -120.79
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -169.86
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -730.14
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -877.99
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -759.33
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -855.98
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -781.34
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -862.99
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -799.59
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -803.04
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -809.00
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -789.95
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -847.36
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -727.03
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -854.57
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -706.64
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -677.66
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -739.51
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -814.75
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -875.75
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -732.56
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -741.71
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -825.09
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -814.73
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1094.1
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -716.56
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -933.51
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2291.6
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1895.1
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -2235.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1951.4
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1899.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -413.06
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -174.33
```

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0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -345.21
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -1865.8
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -2030.2
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1734.3
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1849.3
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1915.1
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1693.2
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -36116.
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -27680.
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2326.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -764.40
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -51.997
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -223.51
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -268.77
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -232.45
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -262.03
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -239.18
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -264.18
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -244.77
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -245.83
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -247.65
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -241.82
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -259.40
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -222.56
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -261.60
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -216.32
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -207.45
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -226.38
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -249.41
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -268.09
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -224.25
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -227.06
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -252.58
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -900.36
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -2089.7
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1436.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
593        0        0   0.00000E+00   0.00000E+00   -831.18
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2041.1
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1687.0
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -1991.9
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -1736.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -1662.4
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -122.96
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -432.92
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -490.90
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -483.17
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -560.48
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -609.44
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -1109.2
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -2487.1
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2582.5
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2239.2
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2331.5
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2490.2
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2170.9
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -71633.
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -66671.
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2983.9
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -1273.5
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -471.58
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -471.58
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -3.8654
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -686.52
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1850.6
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1283.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -4.5669
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -11.215
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -9.2690
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -10.944
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -9.5392
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -9.1338
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00  -0.67558
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1757.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -1993.1
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -1961.7
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -2275.6
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -2474.3
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -3098.7
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -2505.6
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -2224.0
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -2034.0
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -1940.5
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -2317.5
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -1923.9
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -55500.
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -67592.
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -2649.3
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -2060.1
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -1914.6
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1914.6
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -15.693
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -3.7721
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -10.168
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -7.0521
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -974.54
0.00000E+00   0.00000E+00   0.00000E+00
717       0       0   0.00000E+00   0.00000E+00   -3812.3
0.00000E+00   0.00000E+00   0.00000E+00
718       0       0   0.00000E+00   0.00000E+00   -4152.6
0.00000E+00   0.00000E+00   0.00000E+00
719       0       0   0.00000E+00   0.00000E+00   -3771.0
0.00000E+00   0.00000E+00   0.00000E+00
720       0       0   0.00000E+00   0.00000E+00   -4460.6
0.00000E+00   0.00000E+00   0.00000E+00
721       0       0   0.00000E+00   0.00000E+00   -4892.9
0.00000E+00   0.00000E+00   0.00000E+00
722       0       0   0.00000E+00   0.00000E+00   -6082.4
0.00000E+00   0.00000E+00   0.00000E+00
723       0       0   0.00000E+00   0.00000E+00   -4870.9
0.00000E+00   0.00000E+00   0.00000E+00
724       0       0   0.00000E+00   0.00000E+00   -4457.7
0.00000E+00   0.00000E+00   0.00000E+00
725       0       0   0.00000E+00   0.00000E+00   -3842.6
0.00000E+00   0.00000E+00   0.00000E+00
726       0       0   0.00000E+00   0.00000E+00   -4012.2
0.00000E+00   0.00000E+00   0.00000E+00
727       0       0   0.00000E+00   0.00000E+00   -4288.2
0.00000E+00   0.00000E+00   0.00000E+00
728       0       0   0.00000E+00   0.00000E+00   -3750.7
0.00000E+00   0.00000E+00   0.00000E+00
729       0       0   0.00000E+00   0.00000E+00  -0.10216E+06
0.00000E+00   0.00000E+00   0.00000E+00
730       0       0   0.00000E+00   0.00000E+00  -0.15883E+06
0.00000E+00   0.00000E+00   0.00000E+00
```

```
731        0        0   0.00000E+00   0.00000E+00   -5122.0
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3888.5
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4227.8
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3738.6
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -750.82
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -3015.0
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -8044.1
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8594.5
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -7481.1
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -8944.8
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -9858.1
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12210.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -9745.5
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -9069.9
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7568.7
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8294.3
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -8344.3
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -7518.7
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -66595.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00  -0.12807E+06
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10221.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7643.8
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8994.9
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7481.1
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -2289.4
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -1329.8
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3548.1
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3790.9
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3299.8
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3945.4
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -4348.2
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -5385.6
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -4298.5
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -4000.5
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3338.4
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -3658.4
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3680.5
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3316.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55041. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.10980E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4508.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3371.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3967.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3299.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1009.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 206
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 540

CDM_TRsx - Fz (My) @ 34 (+X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -479.57 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1152.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -976.80 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1116.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -943.92 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -832.69 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -921.64 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -929.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -77.696 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -107.52 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.88 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -304.74 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -266.58 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -324.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5680.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11510. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -352.80 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -249.73 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -73.711
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -763.48
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -805.31
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -836.25
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -773.44
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -868.13
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -741.56
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -920.78
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -740.13
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -878.01
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -735.77
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -853.12
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -788.44
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -786.45
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -801.86
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -709.22
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -694.28
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -755.70
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -786.25
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -903.46
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -709.22
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -760.02
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -809.82
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -817.31
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1099.2
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -714.08
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -977.71
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2183.5
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -2042.9
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -2008.5
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1786.5
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -259.74
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -282.14
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -284.60
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -23.785
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -680.44
0.00000E+00   0.00000E+00   0.00000E+00
```

```
554        0        0   0.00000E+00   0.00000E+00   -1828.1
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1928.4
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1687.0
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2053.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -21250.
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -42310.
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2232.6
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1580.4
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -22.565
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -233.72
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -246.52
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -255.99
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -236.77
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -265.75
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -227.01
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -281.87
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -226.57
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -268.78
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -225.23
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -261.16
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -241.36
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -240.75
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -245.47
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -217.11
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -212.53
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -231.34
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -240.69
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -276.57
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -217.11
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -232.66
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -247.91
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -901.15
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -2091.2
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1435.6
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -876.29
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1930.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1839.2
```

```
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -1757.7
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -1579.4
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5.0947
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -53.115
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -464.05
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -623.40
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -760.38
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -659.74
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -1172.1
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2340.7
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2463.8
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2159.9
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2628.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -41324.
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -93845.
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -5729.5
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2125.6
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -464.05
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -464.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -8.3865
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -686.52
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1850.6
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1283.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -4.8148
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -10.609
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -10.105
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -9.6576
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -8.6779
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00  -0.27993E-01
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -215.65
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -1884.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2531.0
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3087.1
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2678.5
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -1990.0
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2064.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
669        0        0   0.00000E+00   0.00000E+00   -2155.7
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -1904.7
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2315.3
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -31860.
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -85245.
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -8394.3
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2199.2
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1884.1
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1884.1
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -34.049
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -3.7721
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -10.168
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -7.0521
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -2162.2
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3939.6
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -4993.6
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6080.0
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5152.4
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4086.1
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -3848.1
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4385.6
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3795.5
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4191.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -67484.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00  -0.18081E+06
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -17520.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4037.0
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4167.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3730.7
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -764.28
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -6229.1
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -8168.4
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10049.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12223.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -10225.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -8403.4
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7521.9
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 783 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8991.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 784 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7698.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 785 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8050.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 786 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -53372. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 787 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.13238E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 788 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -18749. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 789 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7815.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8873.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7521.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2291.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2747.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3602.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4432.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5391.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4510.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3706.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3317.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3965.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3395.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3551.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -43286. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11367E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12219. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3447.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3913.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3317.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1010.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 191
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 541

CDM_TRsx - Fz (My) @ 40 (-X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | |
|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE |

| FORCE NODE | FORCE NODE | FORCE RNCE | FX | FY | FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -86702. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -73559. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3285.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3876.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3359.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2805.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -839.79 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 531 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3410.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 532 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3547.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 533 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3787.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 534 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3427.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 535 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2536.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 536 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -98096. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 537 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -86201. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 538 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7448.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 539 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8787.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 540 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7615.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 541 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6360.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 587 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1904.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 588 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7732.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 589 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8043.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 590 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8587.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 591 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7772.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 592 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5755.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 593 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -69621. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 594 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -58792. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 595 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2407.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 596 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2840.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 597 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2461.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 598 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2055.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 644 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -615.42 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 645 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2499.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 646 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2599.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 647 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2775.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 648 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2574.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 649 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2128.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 650 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -46.517 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 651 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -27.910 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 705 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6.9776 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 706 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30.236 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 733 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23387. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 734 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -45995. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 735 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14022. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32804. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -64953. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19651. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -29277. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -57607. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -17553. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 49
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 542

CDM_TRsx - Fz (My) @ 40 (+X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -86702. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -73559. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3285.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3876.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3359.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2805.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1272.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 531 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3782.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 532 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3346.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 533 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3888.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 534 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3408.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 535 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2527.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 536 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -98096. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 537 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -86201. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 538 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7448.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 539 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8787.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 540 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7615.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 541 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6360.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 587 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2885.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 588 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8574.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 589 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7586.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 590 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8816.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 591 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7728.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 592 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5734.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 593 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -69621. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 594 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -58792. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 595 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2407.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 596 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2840.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 597 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2461.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 598 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2055.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 644 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -932.55 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 645 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2771.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 646 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2452.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 647 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2849.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 648 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2559.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 649 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2121.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 650 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -46.517 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 651 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -27.910 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 705 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6.9776 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 706 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30.236 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 733 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23194. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 734 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -45823. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 735 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14113. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32206. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -64421. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19930. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -29014. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -57373. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -17676. | |

0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 49
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 543

CDM_TRsx - Fz (My) @ 46 (-X) - Negative - Frequent

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | MX | MY | MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -500.17 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1100.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -924.67 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -708.96 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -858.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -711.01 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -960.98 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1147.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -975.33 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -764.28 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -708.96 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -854.44 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -715.10 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -751.99 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -983.52 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1147.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -965.08 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -708.96 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -850.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -719.20 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -747.89 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -821.65 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -780.67 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -143.43 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -173.03 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1403.5 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -11920.
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -4259.1
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -327.22
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -291.03
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -330.24
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -162.86
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -277.80
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -891.90
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -754.83
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -838.90
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -752.88
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1056.7
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1059.2
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1046.5
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -731.45
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1030.5
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2091.7
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1273.6
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -217.03
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -262.82
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -217.65
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -294.18
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.26
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -298.57
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -233.96
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -217.03
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -261.56
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -218.91
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -230.20
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -301.08
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.26
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -295.43
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -217.03
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -260.31
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -220.16
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -228.95
0.00000E+00   0.00000E+00   0.00000E+00
```

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557        0        0   0.00000E+00   0.00000E+00   -251.53
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -238.98
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -43.907
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1095.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6054.9
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -43773.
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -16211.
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2070.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1841.7
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2089.8
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1030.6
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -85.042
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -273.03
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -231.07
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -256.81
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -504.92
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1832.9
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -2245.4
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1967.0
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1458.9
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -925.30
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1850.6
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1044.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -341.44
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -534.67
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -1569.2
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -14862.
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -95713.
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -30676.
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2564.2
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2445.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2589.8
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -1614.4
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -509.14
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -581.75
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -524.56
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -540.81
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -353.43
 0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -289.44
 0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -1591.9
 0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2026.1
 0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1736.6
 0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1302.5
 0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0841
 0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -10.168
 0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5.7401
 0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1386.2
 0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2170.8
 0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1915.3
 0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -17295.
 0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -85297.
 0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -23338.
 0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -1984.5
 0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2433.4
 0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2010.6
 0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2360.9
 0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2067.1
 0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2361.9
 0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2129.7
 0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2195.7
 0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -1434.9
 0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -1.5903
 0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -8.7468
 0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -11.132
 0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -9.5420
 0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -7.1565
 0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -388.30
 0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3373.8
 0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -4054.0
 0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4137.4
 0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -36215.
 0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00  -0.18083E+06
 0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -48964.
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
       740        0        0   0.00000E+00   0.00000E+00   -4194.8
0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -4436.3
0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -4226.5
0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -4375.6
0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -4287.2
0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00   -4478.3
0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00   -4315.3
0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -4206.9
0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -3827.0
0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -1027.4
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -1201.3
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -7479.9
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -7910.5
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -8726.5
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -31316.
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00  -0.13236E+06
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -40506.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -8767.8
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -8554.5
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -8810.5
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -8511.8
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -8853.2
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -8815.2
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00   -8806.4
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -8330.2
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -8778.2
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -3178.6
0.00000E+00   0.00000E+00   0.00000E+00
       847        0        0   0.00000E+00   0.00000E+00   -529.87
0.00000E+00   0.00000E+00   0.00000E+00
       848        0        0   0.00000E+00   0.00000E+00   -3299.2
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -3489.1
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -3849.1
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -23685.
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00  -0.11367E+06
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -31687.
0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -3867.3
0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -3773.2
0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -3886.1
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3754.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3904.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3888.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3884.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3674.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3871.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1402.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 179
LARGEST NODE OR ELEMENT NUMBER = 863

L O A D C A S E 544

CDM_TRsx - Fz (My) @ 46 (+X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -496.69 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1101.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -977.38 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -723.54 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -842.83 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.28 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -968.39 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1146.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1006.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -717.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -758.07 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -808.30 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.28 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -820.85 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -937.52 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1146.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -933.86 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -792.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -773.77 | |

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0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -706.28
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -855.38
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -710.99
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -249.55
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -81.377
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -352.63
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -4535.6
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -11543.
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1442.7
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -328.54
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -297.57
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -314.31
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -270.37
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -29.715
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -12.161
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -737.74
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -751.93
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -828.44
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -947.31
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1102.4
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1028.7
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1062.4
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -727.15
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1016.6
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2066.3
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1657.7
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -221.49
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -258.01
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -216.21
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -296.45
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.06
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -308.14
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -219.57
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -232.06
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -247.44
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -216.21
0.00000E+00   0.00000E+00   0.00000E+00
```

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549        0        0   0.00000E+00   0.00000E+00   -251.28
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -287.00
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.06
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -285.88
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -242.63
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -236.87
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -216.21
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -261.85
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -217.65
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -76.394
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -514.98
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2231.6
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -17395.
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -42315.
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5937.0
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2079.1
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1883.1
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1989.1
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -1711.0
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -188.05
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -3.7226
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -225.84
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -230.18
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -253.60
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1802.2
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1950.5
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -2180.0
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -2008.9
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1452.6
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -911.74
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1823.5
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1432.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -344.11
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -528.84
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -984.10
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2905.6
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -40738.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -92382.
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -7578.7
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2653.4
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2401.6
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2568.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2223.1
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -779.27
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -518.42
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -557.70
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -490.29
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -589.79
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -482.52
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -113.03
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -1594.9
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -1701.2
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1967.0
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1775.6
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1297.2
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0095
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -10.019
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -7.8721
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1397.1
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2147.1
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1899.9
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2716.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -41233.
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -81902.
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2151.2
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2312.6
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2087.9
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2335.4
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2063.6
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2398.7
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2104.8
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2264.3
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -1990.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
692        0        0   0.00000E+00   0.00000E+00   -2394.6
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -1959.0
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -458.89
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -8.7630
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -9.3473
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -10.808
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -9.7562
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -7.1273
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -380.73
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3408.2
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3945.4
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4253.9
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5010.7
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00  -0.13360E+06
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00  -0.12720E+06
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4523.0
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4170.7
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4393.7
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4300.0
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4264.4
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -4519.1
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -4299.8
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -4340.2
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -3969.7
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4687.8
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -3878.2
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -2842.5
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -20.038
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -1177.9
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7563.2
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -7625.1
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -9113.0
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9732.9
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -61520.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9510.5
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7993.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -9160.4
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -8343.5
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -8810.3
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -8865.4
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00   -8811.8
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -8596.4
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -8034.1
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -9393.8
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -7818.4
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -7814.8
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -61.993
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -519.53
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -3335.9
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -3363.3
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -4019.5
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -4293.0
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00  -0.11368E+06
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -50828.
0.00000E+00   0.00000E+00   0.00000E+00
854       0       0   0.00000E+00   0.00000E+00   -4194.9
0.00000E+00   0.00000E+00   0.00000E+00
855       0       0   0.00000E+00   0.00000E+00   -3525.7
0.00000E+00   0.00000E+00   0.00000E+00
856       0       0   0.00000E+00   0.00000E+00   -4040.4
0.00000E+00   0.00000E+00   0.00000E+00
857       0       0   0.00000E+00   0.00000E+00   -3680.1
0.00000E+00   0.00000E+00   0.00000E+00
858       0       0   0.00000E+00   0.00000E+00   -3886.0
0.00000E+00   0.00000E+00   0.00000E+00
859       0       0   0.00000E+00   0.00000E+00   -3910.3
0.00000E+00   0.00000E+00   0.00000E+00
860       0       0   0.00000E+00   0.00000E+00   -3886.7
0.00000E+00   0.00000E+00   0.00000E+00
861       0       0   0.00000E+00   0.00000E+00   -3791.7
0.00000E+00   0.00000E+00   0.00000E+00
862       0       0   0.00000E+00   0.00000E+00   -3543.7
0.00000E+00   0.00000E+00   0.00000E+00
863       0       0   0.00000E+00   0.00000E+00   -4143.4
0.00000E+00   0.00000E+00   0.00000E+00
864       0       0   0.00000E+00   0.00000E+00   -3448.5
0.00000E+00   0.00000E+00   0.00000E+00
865       0       0   0.00000E+00   0.00000E+00   -3446.9
0.00000E+00   0.00000E+00   0.00000E+00
866       0       0   0.00000E+00   0.00000E+00   -27.344
0.00000E+00   0.00000E+00   0.00000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =          196
    LARGEST NODE OR ELEMENT NUMBER              =          866
```

L O A D C A S E 545

CDM_TRsx - Fz (My) @ 52 - Negative - Frequent

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -496.86 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1113.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -904.33 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -746.66 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -814.85 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -702.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -985.32 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1166.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -971.69 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -702.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -835.31 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -726.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -760.30 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -801.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -930.77 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1145.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -954.64 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -794.40 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 498 | 1 | 0.00000E+00 | 0.00000E+00 | -702.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10.228 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -121.39 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -368.13 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -436.88 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -391.37 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -284.55 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1778.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9750.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5823.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -300.65 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -326.24 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -306.89 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
519        0        0   0.00000E+00   0.00000E+00   -303.38
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -310.67
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -298.79
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -324.80
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -274.95
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -327.33
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -269.11
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -257.59
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -281.17
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -311.43
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -332.49
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -279.96
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -493.90
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1044.9
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1062.0
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1051.4
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -729.92
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1029.5
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2095.5
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1267.4
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -228.57
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -249.44
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -215.00
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -301.63
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -356.95
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -297.45
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -215.00
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -255.71
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -222.31
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -232.75
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -245.27
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -284.93
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -350.68
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -292.24
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -243.18
0.00000E+00   0.00000E+00   0.00000E+00
554      555        1   0.00000E+00   0.00000E+00   -215.00
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -3.1311
```

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0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -768.21
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -2329.6
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -2764.7
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -2476.7
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -1800.7
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -7264.6
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -35629.
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -21690.
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -1902.6
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -2064.6
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -1942.1
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -1919.9
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -1966.0
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -1890.8
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -2055.4
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -1739.9
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -2071.5
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -1703.0
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -1630.1
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -1779.3
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -1970.8
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -2104.1
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -1771.7
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -1849.0
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -2215.8
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -1945.7
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -2162.4
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -1404.2
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -925.30
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -1850.6
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -1044.7
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -339.32
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -538.93
0.00000E+00   0.00000E+00   0.00000E+00
622       0       0   0.00000E+00   0.00000E+00   -1243.4
0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -2987.9
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -3537.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
      625        0        0   0.00000E+00   0.00000E+00   -3166.4
0.00000E+00   0.00000E+00   0.00000E+00
      626        0        0   0.00000E+00   0.00000E+00   -2308.2
0.00000E+00   0.00000E+00   0.00000E+00
      627        0        0   0.00000E+00   0.00000E+00   -19339.
0.00000E+00   0.00000E+00   0.00000E+00
      628        0        0   0.00000E+00   0.00000E+00   -78294.
0.00000E+00   0.00000E+00   0.00000E+00
      629        0        0   0.00000E+00   0.00000E+00   -41692.
0.00000E+00   0.00000E+00   0.00000E+00
      630        0        0   0.00000E+00   0.00000E+00   -2460.5
0.00000E+00   0.00000E+00   0.00000E+00
      631        0        0   0.00000E+00   0.00000E+00   -2612.6
0.00000E+00   0.00000E+00   0.00000E+00
      632        0        0   0.00000E+00   0.00000E+00   -2516.8
0.00000E+00   0.00000E+00   0.00000E+00
      633        0        0   0.00000E+00   0.00000E+00   -2410.7
0.00000E+00   0.00000E+00   0.00000E+00
      634        0        0   0.00000E+00   0.00000E+00   -2566.3
0.00000E+00   0.00000E+00   0.00000E+00
      635        0        0   0.00000E+00   0.00000E+00   -2386.1
0.00000E+00   0.00000E+00   0.00000E+00
      636        0        0   0.00000E+00   0.00000E+00   -2645.2
0.00000E+00   0.00000E+00   0.00000E+00
      637        0        0   0.00000E+00   0.00000E+00   -2246.4
0.00000E+00   0.00000E+00   0.00000E+00
      638        0        0   0.00000E+00   0.00000E+00   -2578.0
0.00000E+00   0.00000E+00   0.00000E+00
      639        0        0   0.00000E+00   0.00000E+00   -2254.7
0.00000E+00   0.00000E+00   0.00000E+00
      640        0        0   0.00000E+00   0.00000E+00   -2059.6
0.00000E+00   0.00000E+00   0.00000E+00
      641        0        0   0.00000E+00   0.00000E+00   -2235.2
0.00000E+00   0.00000E+00   0.00000E+00
      642        0        0   0.00000E+00   0.00000E+00   -2604.9
0.00000E+00   0.00000E+00   0.00000E+00
      643        0        0   0.00000E+00   0.00000E+00   -2601.1
0.00000E+00   0.00000E+00   0.00000E+00
      644        0        0   0.00000E+00   0.00000E+00   -2330.3
0.00000E+00   0.00000E+00   0.00000E+00
      645        0        0   0.00000E+00   0.00000E+00   -2283.0
0.00000E+00   0.00000E+00   0.00000E+00
      646        0        0   0.00000E+00   0.00000E+00   -2478.6
0.00000E+00   0.00000E+00   0.00000E+00
      647        0        0   0.00000E+00   0.00000E+00   -2274.7
0.00000E+00   0.00000E+00   0.00000E+00
      648        0        0   0.00000E+00   0.00000E+00   -2413.4
0.00000E+00   0.00000E+00   0.00000E+00
      649        0        0   0.00000E+00   0.00000E+00   -1411.6
0.00000E+00   0.00000E+00   0.00000E+00
      650        0        0   0.00000E+00   0.00000E+00   -5.0841
0.00000E+00   0.00000E+00   0.00000E+00
      651        0        0   0.00000E+00   0.00000E+00   -10.168
0.00000E+00   0.00000E+00   0.00000E+00
      652        0        0   0.00000E+00   0.00000E+00   -5.7401
0.00000E+00   0.00000E+00   0.00000E+00
      677        0        0   0.00000E+00   0.00000E+00   -1377.7
0.00000E+00   0.00000E+00   0.00000E+00
      678        0        0   0.00000E+00   0.00000E+00   -2188.0
0.00000E+00   0.00000E+00   0.00000E+00
      679        0        0   0.00000E+00   0.00000E+00   -1922.2
0.00000E+00   0.00000E+00   0.00000E+00
      680        0        0   0.00000E+00   0.00000E+00   -2651.1
0.00000E+00   0.00000E+00   0.00000E+00
      681        0        0   0.00000E+00   0.00000E+00   -3112.7
0.00000E+00   0.00000E+00   0.00000E+00
      682        0        0   0.00000E+00   0.00000E+00   -2777.4
0.00000E+00   0.00000E+00   0.00000E+00
      683        0        0   0.00000E+00   0.00000E+00   -2043.8
0.00000E+00   0.00000E+00   0.00000E+00
      684        0        0   0.00000E+00   0.00000E+00   -22974.
0.00000E+00   0.00000E+00   0.00000E+00
      685        0        0   0.00000E+00   0.00000E+00   -69804.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
686       0       0   0.00000E+00   0.00000E+00   -31257.
0.00000E+00   0.00000E+00   0.00000E+00
687       0       0   0.00000E+00   0.00000E+00   -2247.8
0.00000E+00   0.00000E+00   0.00000E+00
688       0       0   0.00000E+00   0.00000E+00   -2206.3
0.00000E+00   0.00000E+00   0.00000E+00
689       0       0   0.00000E+00   0.00000E+00   -2315.8
0.00000E+00   0.00000E+00   0.00000E+00
690       0       0   0.00000E+00   0.00000E+00   -1975.2
0.00000E+00   0.00000E+00   0.00000E+00
691       0       0   0.00000E+00   0.00000E+00   -2419.2
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -1993.5
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -2375.8
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -2040.3
0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -2037.4
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -2224.4
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -1728.8
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -1834.7
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -2556.1
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -1998.6
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -2251.8
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -2008.8
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -1955.9
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -2305.5
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -1928.6
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -682.16
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -379.40
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -3399.0
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -3957.9
0.00000E+00   0.00000E+00   0.00000E+00
736       0       0   0.00000E+00   0.00000E+00   -4289.0
0.00000E+00   0.00000E+00   0.00000E+00
737       0       0   0.00000E+00   0.00000E+00   -4958.2
0.00000E+00   0.00000E+00   0.00000E+00
738       0       0   0.00000E+00   0.00000E+00   -6091.2
0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -5169.9
0.00000E+00   0.00000E+00   0.00000E+00
740       0       0   0.00000E+00   0.00000E+00   -4421.7
0.00000E+00   0.00000E+00   0.00000E+00
741       0       0   0.00000E+00   0.00000E+00   -48283.
0.00000E+00   0.00000E+00   0.00000E+00
742       0       0   0.00000E+00   0.00000E+00  -0.14826E+06
0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -65963.
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -4302.3
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00   -4480.5
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00   -4321.2
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -4248.0
0.00000E+00   0.00000E+00   0.00000E+00
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       748        0        0   0.00000E+00   0.00000E+00   -4171.8
   0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -4467.8
   0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -4195.2
   0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -4267.3
   0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -4018.6
   0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -3976.5
   0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -3623.5
   0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -3910.5
   0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -4453.3
   0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -4413.2
   0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -3995.1
   0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -4068.9
   0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -4066.1
   0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -4032.4
   0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -3771.6
   0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -603.71
   0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -1173.8
   0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -7576.2
   0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -7576.2
   0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -9176.9
   0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -9710.4
   0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -12236.
   0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -10097.
   0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -9340.1
   0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -38476.
   0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00  -0.10789E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -50994.
   0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -8536.6
   0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -9178.3
   0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00   -8450.4
   0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -8950.5
   0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -7768.2
   0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -9591.1
   0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -7934.0
   0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -8869.3
   0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -8109.8
   0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -7576.2
```

```
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7540.7
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8204.6
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8346.9
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9414.0
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8323.2
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8429.9
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -426.83
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -517.73
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -4047.7
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4283.0
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5396.9
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4453.8
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4119.7
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -30908.
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -93115.
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -42004.
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3765.3
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -4048.3
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -3727.3
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -3947.9
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -3426.4
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -4230.4
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3499.5
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -3912.0
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -3577.0
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -3326.0
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -3618.9
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -3681.6
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -4152.3
0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3671.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3718.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -188.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 257
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 546

CDM_TRsx - Fz (My) @ 58 (-X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -492.16 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1111.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -791.58 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -774.52 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -780.36 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -719.10 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1003.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1143.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -940.81 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -768.69 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -786.19 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.26 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -841.62 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -697.22 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -969.98 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -303.39 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -247.94 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -354.58 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.23 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -364.77 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -324.31 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
513        0        0   0.00000E+00   0.00000E+00   -301.73
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -310.51
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -315.53
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -296.71
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -4438.1
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -9913.3
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -3012.3
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -277.66
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -335.60
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -290.44
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -309.57
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -296.59
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -270.60
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -267.27
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -290.60
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -298.59
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -340.58
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -270.60
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -292.60
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -305.93
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -294.53
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -906.74
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -720.99
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1015.2
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2038.5
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -643.70
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -237.10
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -238.89
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -220.13
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -307.20
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -350.07
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -288.00
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -235.31
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -240.67
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -218.35
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -257.64
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -213.43
```

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0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -296.93
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -92.875
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1569.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2243.9
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2766.9
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2308.4
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2052.3
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1909.4
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1965.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1996.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -1877.7
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -16778.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -36213.
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -11662.
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1757.1
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2123.8
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1838.0
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1959.0
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1876.9
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1712.4
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1691.3
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1839.0
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1889.6
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2155.3
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1712.4
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1851.6
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1936.0
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1719.8
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -2135.9
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1392.7
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -911.74
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1790.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -423.31
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -541.38
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2048.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
623        0        0   0.00000E+00   0.00000E+00   -2900.5
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.0
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2988.9
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2575.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2465.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2517.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2523.0
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2460.1
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -40345.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -80101.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -18906.
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2330.7
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2652.0
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2388.8
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2503.8
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2357.3
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2270.0
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2125.9
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2313.1
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2487.7
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2690.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2211.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2411.4
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2416.6
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2231.6
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2492.9
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1472.9
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0095
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -9.8402
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2.3259
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1372.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2198.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1931.5
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2645.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2741.7
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2105.6
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2239.1
 0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2226.6
 0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2118.1
 0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2347.6
 0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -41183.
 0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -72123.
 0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -10556.
 0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2312.4
 0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2125.2
 0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2219.5
 0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2193.6
 0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1933.2
 0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2248.2
 0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1748.7
 0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1908.0
 0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2411.1
 0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2151.0
 0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -2010.4
 0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2255.8
 0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -1933.5
 0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -2091.9
 0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2174.8
 0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -968.20
 0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -383.03
 0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3383.5
 0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -4008.3
 0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4234.9
 0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -4974.4
 0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6089.2
 0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5125.9
 0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4526.9
 0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4055.2
 0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4615.9
 0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4010.6
 0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4616.1
 0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -87338.
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
746        0        0   0.00000E+00   0.00000E+00  -0.15297E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22079.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -4394.4
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4265.8
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4277.1
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4330.6
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -3763.0
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -4430.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3403.4
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3677.4
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4823.5
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4088.0
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -4138.9
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4191.0
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -3763.0
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761        0        0   0.00000E+00   0.00000E+00   -4395.0
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -3934.9
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -1523.5
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -1185.0
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7539.4
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -7711.1
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -8999.1
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9772.0
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12228.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10036.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9536.6
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7790.9
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9552.8
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -7912.1
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -9294.1
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -65527.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11140E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -20452.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8682.1
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -8688.0
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -8518.3
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -8740.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -7539.4
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -8930.5
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -6818.1
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -7327.6
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -9800.6
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -8083.2
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -8535.5
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -8174.8
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -7539.4
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -9153.7
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -7556.5
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -2662.0
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -522.68
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -3325.4
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -3401.2
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -3969.3
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851       0       0   0.00000E+00   0.00000E+00   -4310.2
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -5393.4
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -4426.5
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854       0       0   0.00000E+00   0.00000E+00   -4206.4
0.00000E+00   0.00000E+00   0.00000E+00
855       0       0   0.00000E+00   0.00000E+00   -3436.4
0.00000E+00   0.00000E+00   0.00000E+00
856       0       0   0.00000E+00   0.00000E+00   -4213.5
0.00000E+00   0.00000E+00   0.00000E+00
857       0       0   0.00000E+00   0.00000E+00   -3489.9
0.00000E+00   0.00000E+00   0.00000E+00
858       0       0   0.00000E+00   0.00000E+00   -4099.4
0.00000E+00   0.00000E+00   0.00000E+00
859       0       0   0.00000E+00   0.00000E+00   -55228.
0.00000E+00   0.00000E+00   0.00000E+00
860       0       0   0.00000E+00   0.00000E+00   -96044.
0.00000E+00   0.00000E+00   0.00000E+00
861       0       0   0.00000E+00   0.00000E+00   -14765.
0.00000E+00   0.00000E+00   0.00000E+00
862       0       0   0.00000E+00   0.00000E+00   -3829.5
0.00000E+00   0.00000E+00   0.00000E+00
863       0       0   0.00000E+00   0.00000E+00   -3832.1
0.00000E+00   0.00000E+00   0.00000E+00
864       0       0   0.00000E+00   0.00000E+00   -3757.2
0.00000E+00   0.00000E+00   0.00000E+00
865       0       0   0.00000E+00   0.00000E+00   -3855.3
0.00000E+00   0.00000E+00   0.00000E+00
866       0       0   0.00000E+00   0.00000E+00   -3325.4
0.00000E+00   0.00000E+00   0.00000E+00
867       0       0   0.00000E+00   0.00000E+00   -3939.0
0.00000E+00   0.00000E+00   0.00000E+00
868       0       0   0.00000E+00   0.00000E+00   -3007.3
0.00000E+00   0.00000E+00   0.00000E+00
869       0       0   0.00000E+00   0.00000E+00   -3232.0
0.00000E+00   0.00000E+00   0.00000E+00
870       0       0   0.00000E+00   0.00000E+00   -4322.8
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3565.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3764.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3605.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3325.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4037.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3333.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1174.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 247
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 547

CDM_TRsx - Fz (My) @ 58 (+X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -498.75 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1103.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -865.02 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -719.33 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -847.87 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.97 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -966.52 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1147.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -998.66 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -729.22 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -744.05 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -823.15 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.97 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -803.38 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -949.22 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1147.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -941.80 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -768.77 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -583.37 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

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508        0        0   0.00000E+00   0.00000E+00   -121.39
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -368.13
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -436.88
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -391.37
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -284.55
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -330.99
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -292.60
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -322.94
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -300.65
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -326.24
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -5527.1
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -9550.5
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2249.6
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -298.79
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -324.80
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -274.95
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -327.33
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -269.11
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -257.59
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -281.17
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -311.43
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -332.49
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -279.96
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -281.94
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -314.83
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -269.11
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -514.97
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -465.24
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1027.5
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2087.5
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -933.76
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -220.20
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -259.55
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -216.42
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -295.87
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.11
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -305.71
```

```
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -223.23
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -227.77
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -251.98
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -216.42
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -245.93
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -290.58
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.11
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -288.31
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -235.34
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -178.58
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -768.21
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2329.6
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2764.7
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2476.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -1800.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2094.6
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1851.6
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2043.7
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -1902.6
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -2064.6
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -20586.
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -34945.
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -8890.7
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -1890.8
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2055.4
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1739.9
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -2071.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1703.0
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1630.1
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1779.3
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1970.8
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2104.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1771.7
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1784.2
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1992.3
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1703.0
0.00000E+00   0.00000E+00   0.00000E+00
```

```
591        0        0   0.00000E+00   0.00000E+00   -1998.1
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1323.2
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -922.59
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1845.2
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -705.51
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -541.38
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -1244.6
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2986.5
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3537.8
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -3157.8
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2323.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2651.1
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2404.1
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2570.0
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2485.1
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -2588.4
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49645.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -76628.
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -12898.
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2418.2
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2607.0
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2283.9
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2552.5
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2260.5
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2064.4
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2253.2
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2569.3
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2638.6
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2270.9
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2343.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2473.2
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2222.1
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2474.1
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1482.1
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0692
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -10.138
```

```
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -3.8764
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1372.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2198.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1927.1
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2645.7
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2742.6
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2104.2
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2240.1
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2226.0
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2118.3
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2347.8
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2107.8
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -50380.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -68119.
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5566.5
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2123.9
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2220.7
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2192.4
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1934.2
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2248.1
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1748.4
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1907.7
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2411.6
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2150.7
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -2010.7
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2255.4
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -1933.8
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -2091.9
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2174.7
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -968.25
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -381.15
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3389.8
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3985.7
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4265.0
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -4964.1
0.00000E+00   0.00000E+00   0.00000E+00
```

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738        0        0   0.00000E+00   0.00000E+00   -6090.6
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5115.2
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4536.2
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4100.6
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4512.3
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4124.6
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4488.3
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -4278.6
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.10666E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00  -0.14479E+06
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -11031.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4452.2
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4076.9
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4527.2
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -3769.3
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -4184.1
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3567.4
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3801.5
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4578.3
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4312.7
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3833.0
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4504.3
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -3769.3
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -4056.8
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4280.5
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -1884.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -1179.2
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7558.9
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -7640.9
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -9092.2
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9740.1
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10003.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9565.6
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7931.3
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9232.2
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8264.7
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -8898.9
 0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -8764.0
 0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -79149.
 0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00  -0.10523E+06
 0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -12834.
 0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9264.8
 0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7898.8
 0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -9348.9
 0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7558.9
 0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -8167.9
 0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7325.6
 0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -7711.5
 0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -9041.8
 0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -8778.4
 0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7589.1
 0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -9144.1
 0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -7558.9
 0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -8107.4
 0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8625.7
 0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -3779.4
 0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -520.11
 0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -3334.0
 0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -3370.2
 0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -4010.4
 0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4296.2
 0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5395.4
 0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4411.9
 0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4219.2
 0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3498.3
 0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -4072.1
 0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3645.4
 0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3925.1
 0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -3865.6
 0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -67220.
 0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -90929.
 0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -7814.7
 0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4086.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3484.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4123.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3334.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3602.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3231.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3401.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3988.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3871.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3347.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4033.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3334.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3576.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3804.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1667.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 253
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 548

CDM_TRsx - Fz (My) @ 60.5 - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -490.46 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1116.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -782.05 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -791.75 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -758.55 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -748.59 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.63 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1142.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -921.22 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -824.95 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -725.35 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
490        0        0   0.00000E+00   0.00000E+00   -781.79
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -768.51
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -280.51
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -247.94
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -354.58
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -437.23
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -364.77
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -324.31
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -301.73
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -310.51
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -315.53
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -296.71
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -336.55
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -293.26
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -4802.1
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -9603.8
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2941.3
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -290.44
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -309.57
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -296.59
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -270.60
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -267.27
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -290.60
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -298.59
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -340.58
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -270.60
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -292.60
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -305.93
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -270.60
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -308.59
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -194.62
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1014.6
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2040.0
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -640.78
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -242.37
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -232.21
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -229.16
```

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 0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -300.81
 0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -349.58
 0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -282.01
 0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -252.53
 0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -222.05
 0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -239.32
 0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -235.26
 0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -85.872
 0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1569.0
 0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2243.9
 0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2766.9
 0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2308.4
 0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2052.3
 0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1909.4
 0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1965.0
 0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1996.8
 0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -1877.7
 0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -2129.7
 0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -1855.8
 0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -18054.
 0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -35065.
 0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -11430.
 0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1838.0
 0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1959.0
 0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1876.9
 0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1712.4
 0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1691.3
 0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1839.0
 0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1889.6
 0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2155.3
 0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1712.4
 0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1851.6
 0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1936.0
 0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1712.4
 0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1952.8
 0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1231.6
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
593        0        0   0.00000E+00   0.00000E+00   -911.74
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1790.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -423.31
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -541.38
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2048.3
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2900.5
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.0
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2988.9
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2575.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2465.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2517.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2523.0
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2460.1
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -2653.8
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -2455.7
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -38476.
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -77184.
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -23566.
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2388.8
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2503.8
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2357.3
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2270.0
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2125.9
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2313.1
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2487.7
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2690.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2211.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2411.4
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2231.6
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2492.9
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1472.9
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650        0        0   0.00000E+00   0.00000E+00   -5.0095
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651        0        0   0.00000E+00   0.00000E+00   -9.8402
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2.3259
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1372.5
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680        0        0   0.00000E+00   0.00000E+00   -2645.2
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681        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2741.7
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683        0        0   0.00000E+00   0.00000E+00   -2105.6
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684        0        0   0.00000E+00   0.00000E+00   -2239.1
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2226.6
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686        0        0   0.00000E+00   0.00000E+00   -2118.1
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687        0        0   0.00000E+00   0.00000E+00   -2347.6
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688        0        0   0.00000E+00   0.00000E+00   -2108.2
0.00000E+00   0.00000E+00   0.00000E+00
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690        0        0   0.00000E+00   0.00000E+00   -33977.
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692        0        0   0.00000E+00   0.00000E+00   -20766.
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693        0        0   0.00000E+00   0.00000E+00   -2219.5
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694        0        0   0.00000E+00   0.00000E+00   -2193.6
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695        0        0   0.00000E+00   0.00000E+00   -1933.2
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696        0        0   0.00000E+00   0.00000E+00   -2248.2
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697        0        0   0.00000E+00   0.00000E+00   -1748.7
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699        0        0   0.00000E+00   0.00000E+00   -2411.1
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701        0        0   0.00000E+00   0.00000E+00   -2010.4
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702        0        0   0.00000E+00   0.00000E+00   -2255.8
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703        0        0   0.00000E+00   0.00000E+00   -1933.5
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704        0        0   0.00000E+00   0.00000E+00   -2091.9
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706        0        0   0.00000E+00   0.00000E+00   -968.20
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734        0        0   0.00000E+00   0.00000E+00   -3389.8
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735        0        0   0.00000E+00   0.00000E+00   -3985.7
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736        0        0   0.00000E+00   0.00000E+00   -4265.0
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -4964.1
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738        0        0   0.00000E+00   0.00000E+00   -6090.6
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739        0        0   0.00000E+00   0.00000E+00   -5115.2
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       745        0        0   0.00000E+00   0.00000E+00   -4278.6
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       746        0        0   0.00000E+00   0.00000E+00   -4546.8
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       747        0        0   0.00000E+00   0.00000E+00   -72169.
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       762        0        0   0.00000E+00   0.00000E+00   -4280.5
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       763        0        0   0.00000E+00   0.00000E+00   -1884.7
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       791        0        0   0.00000E+00   0.00000E+00   -7558.9
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       792        0        0   0.00000E+00   0.00000E+00   -7640.9
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       793        0        0   0.00000E+00   0.00000E+00   -9092.2
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       794        0        0   0.00000E+00   0.00000E+00   -9740.1
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       795        0        0   0.00000E+00   0.00000E+00   -12232.
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       797        0        0   0.00000E+00   0.00000E+00   -9565.6
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       798        0        0   0.00000E+00   0.00000E+00   -7931.3
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       799        0        0   0.00000E+00   0.00000E+00   -9232.2
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       800        0        0   0.00000E+00   0.00000E+00   -8264.7
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       801        0        0   0.00000E+00   0.00000E+00   -8898.9
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       802        0        0   0.00000E+00   0.00000E+00   -8764.0
```

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807       0       0   0.00000E+00   0.00000E+00   -7898.8
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808       0       0   0.00000E+00   0.00000E+00   -9348.9
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812       0       0   0.00000E+00   0.00000E+00   -7711.5
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813       0       0   0.00000E+00   0.00000E+00   -9041.8
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815       0       0   0.00000E+00   0.00000E+00   -7589.1
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817       0       0   0.00000E+00   0.00000E+00   -7558.9
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818       0       0   0.00000E+00   0.00000E+00   -8107.4
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819       0       0   0.00000E+00   0.00000E+00   -8625.7
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847       0       0   0.00000E+00   0.00000E+00   -520.11
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848       0       0   0.00000E+00   0.00000E+00   -3334.0
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849       0       0   0.00000E+00   0.00000E+00   -3370.2
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853       0       0   0.00000E+00   0.00000E+00   -4411.9
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856       0       0   0.00000E+00   0.00000E+00   -4072.1
0.00000E+00   0.00000E+00   0.00000E+00
857       0       0   0.00000E+00   0.00000E+00   -3645.4
0.00000E+00   0.00000E+00   0.00000E+00
858       0       0   0.00000E+00   0.00000E+00   -3925.1
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862       0       0   0.00000E+00   0.00000E+00   -91528.
0.00000E+00   0.00000E+00   0.00000E+00
863       0       0   0.00000E+00   0.00000E+00   -28654.
0.00000E+00   0.00000E+00   0.00000E+00
864       0       0   0.00000E+00   0.00000E+00   -3484.0
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4123.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3334.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3602.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3231.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3401.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3988.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3871.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3347.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4033.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3334.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3576.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3804.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1667.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 243
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 549

CDM_TRsx - Fz (My) @ 64 - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -488.10 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1123.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -769.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -814.20 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -729.51 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -787.25 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -954.71 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1139.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -939.31 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -810.35 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -689.09 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -148.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.340 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
508        0        0   0.00000E+00   0.00000E+00   -271.33
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -356.35
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -437.35
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -360.56
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -337.91
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -280.62
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -338.54
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -288.67
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -321.81
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -311.37
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -318.11
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -305.87
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -285.61
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -821.40
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -9738.3
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -6793.2
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -280.89
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -273.84
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -273.68
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -286.42
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -301.85
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -334.21
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -271.33
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -297.99
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -301.35
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -271.33
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -310.07
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -193.85
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1013.9
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2041.9
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -636.85
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -249.25
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -223.32
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -241.00
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -292.26
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -348.83
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -287.55
```

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0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -248.07
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -210.95
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -45.371
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -179.34
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2255.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2281.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2138.4
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1775.8
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2142.4
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1826.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -2036.5
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -1970.4
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2013.1
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1935.6
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1807.4
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -3867.7
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -35553.
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -25163.
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1777.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1733.0
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1731.9
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1812.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1910.2
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2115.0
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1885.8
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1907.0
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1962.2
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1226.8
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -911.74
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1790.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -423.31
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
```

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      621        0        0   0.00000E+00   0.00000E+00   -721.37
0.00000E+00   0.00000E+00   0.00000E+00
      622        0        0   0.00000E+00   0.00000E+00   -2196.9
0.00000E+00   0.00000E+00   0.00000E+00
      623        0        0   0.00000E+00   0.00000E+00   -2911.7
0.00000E+00   0.00000E+00   0.00000E+00
      624        0        0   0.00000E+00   0.00000E+00   -3540.8
0.00000E+00   0.00000E+00   0.00000E+00
      625        0        0   0.00000E+00   0.00000E+00   -2962.1
0.00000E+00   0.00000E+00   0.00000E+00
      626        0        0   0.00000E+00   0.00000E+00   -2662.0
0.00000E+00   0.00000E+00   0.00000E+00
      627        0        0   0.00000E+00   0.00000E+00   -2331.2
0.00000E+00   0.00000E+00   0.00000E+00
      628        0        0   0.00000E+00   0.00000E+00   -2695.9
0.00000E+00   0.00000E+00   0.00000E+00
      629        0        0   0.00000E+00   0.00000E+00   -2352.4
0.00000E+00   0.00000E+00   0.00000E+00
      630        0        0   0.00000E+00   0.00000E+00   -2619.6
0.00000E+00   0.00000E+00   0.00000E+00
      631        0        0   0.00000E+00   0.00000E+00   -2493.9
0.00000E+00   0.00000E+00   0.00000E+00
      632        0        0   0.00000E+00   0.00000E+00   -2613.5
0.00000E+00   0.00000E+00   0.00000E+00
      633        0        0   0.00000E+00   0.00000E+00   -2424.6
0.00000E+00   0.00000E+00   0.00000E+00
      634        0        0   0.00000E+00   0.00000E+00   -2381.1
0.00000E+00   0.00000E+00   0.00000E+00
      635        0        0   0.00000E+00   0.00000E+00   -6545.6
0.00000E+00   0.00000E+00   0.00000E+00
      636        0        0   0.00000E+00   0.00000E+00   -78236.
0.00000E+00   0.00000E+00   0.00000E+00
      637        0        0   0.00000E+00   0.00000E+00   -54513.
0.00000E+00   0.00000E+00   0.00000E+00
      638        0        0   0.00000E+00   0.00000E+00   -2257.6
0.00000E+00   0.00000E+00   0.00000E+00
      639        0        0   0.00000E+00   0.00000E+00   -2290.6
0.00000E+00   0.00000E+00   0.00000E+00
      640        0        0   0.00000E+00   0.00000E+00   -2166.6
0.00000E+00   0.00000E+00   0.00000E+00
      641        0        0   0.00000E+00   0.00000E+00   -2286.6
0.00000E+00   0.00000E+00   0.00000E+00
      642        0        0   0.00000E+00   0.00000E+00   -2508.4
0.00000E+00   0.00000E+00   0.00000E+00
      643        0        0   0.00000E+00   0.00000E+00   -2649.5
0.00000E+00   0.00000E+00   0.00000E+00
      644        0        0   0.00000E+00   0.00000E+00   -2216.1
0.00000E+00   0.00000E+00   0.00000E+00
      645        0        0   0.00000E+00   0.00000E+00   -2445.7
0.00000E+00   0.00000E+00   0.00000E+00
      646        0        0   0.00000E+00   0.00000E+00   -2387.5
0.00000E+00   0.00000E+00   0.00000E+00
      647        0        0   0.00000E+00   0.00000E+00   -2236.2
0.00000E+00   0.00000E+00   0.00000E+00
      648        0        0   0.00000E+00   0.00000E+00   -2502.3
0.00000E+00   0.00000E+00   0.00000E+00
      649        0        0   0.00000E+00   0.00000E+00   -1468.0
0.00000E+00   0.00000E+00   0.00000E+00
      650        0        0   0.00000E+00   0.00000E+00   -5.0095
0.00000E+00   0.00000E+00   0.00000E+00
      651        0        0   0.00000E+00   0.00000E+00   -9.8402
0.00000E+00   0.00000E+00   0.00000E+00
      652        0        0   0.00000E+00   0.00000E+00   -2.3259
0.00000E+00   0.00000E+00   0.00000E+00
      677        0        0   0.00000E+00   0.00000E+00   -1372.5
0.00000E+00   0.00000E+00   0.00000E+00
      678        0        0   0.00000E+00   0.00000E+00   -2199.0
0.00000E+00   0.00000E+00   0.00000E+00
      679        0        0   0.00000E+00   0.00000E+00   -1932.3
0.00000E+00   0.00000E+00   0.00000E+00
      680        0        0   0.00000E+00   0.00000E+00   -2645.3
0.00000E+00   0.00000E+00   0.00000E+00
      681        0        0   0.00000E+00   0.00000E+00   -3113.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2741.5
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2106.1
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2238.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2227.6
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2117.1
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2348.5
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2107.3
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2419.2
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -1967.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2312.7
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5577.2
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -69877.
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -48450.
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2248.3
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1748.9
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1907.9
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2411.2
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2150.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -2010.4
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2255.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -1933.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -2092.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2174.8
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -968.17
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -381.15
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3389.8
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3985.7
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4265.0
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -4964.1
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6090.6
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5115.2
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4536.2
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4100.6
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4512.3
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4124.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
744        0        0   0.00000E+00   0.00000E+00   -4488.3
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -4278.6
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -4546.8
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -4091.0
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -4223.3
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11794.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00  -0.14797E+06
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00  -0.10291E+06
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -3769.3
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -4184.1
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3567.4
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3801.5
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4578.3
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4312.7
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3833.0
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4504.3
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -3769.3
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -4056.8
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4280.5
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -1884.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -1179.2
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7558.9
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -7640.9
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -9092.2
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9740.1
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10003.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9565.6
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7931.3
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9232.2
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8264.7
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -8898.9
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -8764.0
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -8928.8
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -8481.6
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8152.7
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -14313.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00  -0.10685E+06
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -76999.
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -7558.9
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -8167.9
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -7325.6
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -7711.5
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -9041.8
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -8778.4
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -7589.1
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -9144.1
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -7558.9
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -8107.4
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -8625.7
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -3779.4
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -520.11
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -3334.0
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -3370.2
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -4010.4
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -4296.2
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -5395.4
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -4411.9
0.00000E+00   0.00000E+00   0.00000E+00
854       0       0   0.00000E+00   0.00000E+00   -4219.2
0.00000E+00   0.00000E+00   0.00000E+00
855       0       0   0.00000E+00   0.00000E+00   -3498.3
0.00000E+00   0.00000E+00   0.00000E+00
856       0       0   0.00000E+00   0.00000E+00   -4072.1
0.00000E+00   0.00000E+00   0.00000E+00
857       0       0   0.00000E+00   0.00000E+00   -3645.4
0.00000E+00   0.00000E+00   0.00000E+00
858       0       0   0.00000E+00   0.00000E+00   -3925.1
0.00000E+00   0.00000E+00   0.00000E+00
859       0       0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
860       0       0   0.00000E+00   0.00000E+00   -3938.3
0.00000E+00   0.00000E+00   0.00000E+00
861       0       0   0.00000E+00   0.00000E+00   -3741.1
0.00000E+00   0.00000E+00   0.00000E+00
862       0       0   0.00000E+00   0.00000E+00   -3596.0
0.00000E+00   0.00000E+00   0.00000E+00
863       0       0   0.00000E+00   0.00000E+00   -8636.1
0.00000E+00   0.00000E+00   0.00000E+00
864       0       0   0.00000E+00   0.00000E+00   -92657.
0.00000E+00   0.00000E+00   0.00000E+00
865       0       0   0.00000E+00   0.00000E+00   -65089.
0.00000E+00   0.00000E+00   0.00000E+00
866       0       0   0.00000E+00   0.00000E+00   -3334.0
0.00000E+00   0.00000E+00   0.00000E+00
867       0       0   0.00000E+00   0.00000E+00   -3602.7
0.00000E+00   0.00000E+00   0.00000E+00
868       0       0   0.00000E+00   0.00000E+00   -3231.2
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3401.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3988.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3871.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3347.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4033.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3334.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3576.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3804.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1667.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 241
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 550

CDM_TRsx - Fz (My) @ 70 (-X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -490.19 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1096.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -738.00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -815.94 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -727.23 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -790.26 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -952.51 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1139.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -892.98 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -115.56 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.340 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.33 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.35 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.35 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -360.56 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -337.91 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -280.62 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

```
514        0        0   0.00000E+00   0.00000E+00   -338.54
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -288.67
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -321.81
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -311.37
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -318.11
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -305.87
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -285.61
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -338.86
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -280.62
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -327.18
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -280.89
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -6426.2
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -8887.0
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1927.0
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -301.85
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -334.21
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -271.33
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -297.99
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -301.35
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -271.33
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -310.07
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -193.85
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1028.3
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1872.7
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -445.48
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -249.78
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -222.62
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -241.92
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -291.59
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -348.76
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -273.36
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -35.376
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -179.34
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2255.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2281.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2138.4
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1775.8
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2142.4
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1826.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -2036.5
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -1970.4
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2013.1
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1935.6
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1807.4
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2144.4
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1775.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2070.5
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1777.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -23706.
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -32494.
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -7671.9
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1910.2
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2115.0
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1885.8
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1907.0
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1962.2
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1226.8
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -926.21
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1620.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -231.55
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -721.37
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2196.9
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2911.7
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.8
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2962.1
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2662.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2331.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2695.9
0.00000E+00   0.00000E+00   0.00000E+00
```

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       629        0        0   0.00000E+00   0.00000E+00   -2352.4
0.00000E+00   0.00000E+00   0.00000E+00
       630        0        0   0.00000E+00   0.00000E+00   -2619.6
0.00000E+00   0.00000E+00   0.00000E+00
       631        0        0   0.00000E+00   0.00000E+00   -2493.9
0.00000E+00   0.00000E+00   0.00000E+00
       632        0        0   0.00000E+00   0.00000E+00   -2613.5
0.00000E+00   0.00000E+00   0.00000E+00
       633        0        0   0.00000E+00   0.00000E+00   -2424.6
0.00000E+00   0.00000E+00   0.00000E+00
       634        0        0   0.00000E+00   0.00000E+00   -2381.1
0.00000E+00   0.00000E+00   0.00000E+00
       635        0        0   0.00000E+00   0.00000E+00   -2672.7
0.00000E+00   0.00000E+00   0.00000E+00
       636        0        0   0.00000E+00   0.00000E+00   -2326.4
0.00000E+00   0.00000E+00   0.00000E+00
       637        0        0   0.00000E+00   0.00000E+00   -2615.6
0.00000E+00   0.00000E+00   0.00000E+00
       638        0        0   0.00000E+00   0.00000E+00   -2257.6
0.00000E+00   0.00000E+00   0.00000E+00
       639        0        0   0.00000E+00   0.00000E+00   -46303.
0.00000E+00   0.00000E+00   0.00000E+00
       640        0        0   0.00000E+00   0.00000E+00   -69509.
0.00000E+00   0.00000E+00   0.00000E+00
       641        0        0   0.00000E+00   0.00000E+00   -22611.
0.00000E+00   0.00000E+00   0.00000E+00
       642        0        0   0.00000E+00   0.00000E+00   -2508.4
0.00000E+00   0.00000E+00   0.00000E+00
       643        0        0   0.00000E+00   0.00000E+00   -2649.5
0.00000E+00   0.00000E+00   0.00000E+00
       644        0        0   0.00000E+00   0.00000E+00   -2216.1
0.00000E+00   0.00000E+00   0.00000E+00
       645        0        0   0.00000E+00   0.00000E+00   -2445.7
0.00000E+00   0.00000E+00   0.00000E+00
       646        0        0   0.00000E+00   0.00000E+00   -2387.5
0.00000E+00   0.00000E+00   0.00000E+00
       647        0        0   0.00000E+00   0.00000E+00   -2236.2
0.00000E+00   0.00000E+00   0.00000E+00
       648        0        0   0.00000E+00   0.00000E+00   -2502.3
0.00000E+00   0.00000E+00   0.00000E+00
       649        0        0   0.00000E+00   0.00000E+00   -1468.0
0.00000E+00   0.00000E+00   0.00000E+00
       650        0        0   0.00000E+00   0.00000E+00   -5.0891
0.00000E+00   0.00000E+00   0.00000E+00
       651        0        0   0.00000E+00   0.00000E+00   -8.9059
0.00000E+00   0.00000E+00   0.00000E+00
       652        0        0   0.00000E+00   0.00000E+00   -1.2723
0.00000E+00   0.00000E+00   0.00000E+00
       677        0        0   0.00000E+00   0.00000E+00   -1372.5
0.00000E+00   0.00000E+00   0.00000E+00
       678        0        0   0.00000E+00   0.00000E+00   -2199.0
0.00000E+00   0.00000E+00   0.00000E+00
       679        0        0   0.00000E+00   0.00000E+00   -1932.3
0.00000E+00   0.00000E+00   0.00000E+00
       680        0        0   0.00000E+00   0.00000E+00   -2645.3
0.00000E+00   0.00000E+00   0.00000E+00
       681        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
       682        0        0   0.00000E+00   0.00000E+00   -2741.5
0.00000E+00   0.00000E+00   0.00000E+00
       683        0        0   0.00000E+00   0.00000E+00   -2106.1
0.00000E+00   0.00000E+00   0.00000E+00
       684        0        0   0.00000E+00   0.00000E+00   -2238.4
0.00000E+00   0.00000E+00   0.00000E+00
       685        0        0   0.00000E+00   0.00000E+00   -2227.6
0.00000E+00   0.00000E+00   0.00000E+00
       686        0        0   0.00000E+00   0.00000E+00   -2117.1
0.00000E+00   0.00000E+00   0.00000E+00
       687        0        0   0.00000E+00   0.00000E+00   -2348.5
0.00000E+00   0.00000E+00   0.00000E+00
       688        0        0   0.00000E+00   0.00000E+00   -2107.3
0.00000E+00   0.00000E+00   0.00000E+00
       689        0        0   0.00000E+00   0.00000E+00   -2419.2
```

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0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -1967.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2312.7
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2125.3
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2219.2
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2194.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -35311.
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -59716.
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -28244.
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2411.2
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2150.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -2010.4
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2255.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -1933.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -2092.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2174.8
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -968.17
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -379.22
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3396.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3965.3
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4289.6
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -4956.2
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.8
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5149.1
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4455.6
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4191.3
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4407.2
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4239.7
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4358.8
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745        0        0   0.00000E+00   0.00000E+00   -4426.7
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -4375.8
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -4258.6
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -4100.1
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4540.2
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4106.7
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4349.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
752        0        0   0.00000E+00   0.00000E+00   -3969.4
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -62605.
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00  -0.12301E+06
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -75572.
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4352.3
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4539.9
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3829.4
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4081.7
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3885.7
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4287.4
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2421.5
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790        0        0   0.00000E+00   0.00000E+00   -1173.2
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -9168.4
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9715.9
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10107.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9316.1
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -8211.9
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -8907.2
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8620.9
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -8498.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -9222.1
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -8399.7
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -9000.1
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -7771.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9537.0
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7991.1
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -8799.8
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -8177.7
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -39762.
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -68246.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8342.8
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9481.3
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0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7578.1
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816        0        0   0.00000E+00   0.00000E+00   -8229.8
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8525.3
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8647.0
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5440.2
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847        0        0   0.00000E+00   0.00000E+00   -517.48
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848        0        0   0.00000E+00   0.00000E+00   -3342.5
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -3342.5
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -4044.0
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4285.5
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5397.1
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4458.2
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4109.1
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3622.1
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856        0        0   0.00000E+00   0.00000E+00   -3928.8
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3802.5
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3748.4
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -4067.7
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -3704.9
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861        0        0   0.00000E+00   0.00000E+00   -3969.8
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -3427.9
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -4206.5
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3524.7
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -3881.4
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -3607.0
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -32346.
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -74859.
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -57744.
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -3679.8
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -4182.0
0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -3342.5
0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -3630.0
0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -3760.3
0.00000E+00   0.00000E+00   0.00000E+00
875        0        0   0.00000E+00   0.00000E+00   -3342.5
0.00000E+00   0.00000E+00   0.00000E+00
876        0        0   0.00000E+00   0.00000E+00   -3814.0
0.00000E+00   0.00000E+00   0.00000E+00
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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2399.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 237
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 551

CDM_TRsx - Fz (My) @ 70 (+X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | | |
| FORCE | FORCE | FORCE | | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | | |
| MX | MY | MZ | | | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -490.19 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1096.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -738.00 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -815.94 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -727.23 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -790.26 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -952.51 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1139.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -892.98 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -115.56 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.340 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.33 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.35 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.35 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -360.56 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -337.91 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -280.62 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -338.54 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.67 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -321.81 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -311.37 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -318.11 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.87 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -285.61 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -338.86 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

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522        0        0   0.00000E+00   0.00000E+00   -280.62
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -327.18
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -280.89
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -3350.0
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -7861.6
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -6028.6
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -301.85
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -334.21
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -271.33
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -297.99
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -301.35
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -271.33
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -310.07
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -193.85
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1028.3
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1872.7
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -445.48
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -249.78
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -222.62
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -241.92
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -291.59
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -348.76
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -273.36
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -35.376
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -179.34
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2255.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2281.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2138.4
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1775.8
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2142.4
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1826.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -2036.5
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -1970.4
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2013.1
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1935.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1807.4
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2144.4
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1775.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2070.5
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1777.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -12719.
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -28832.
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -22320.
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1910.2
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2115.0
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1885.8
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1907.0
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1962.2
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1226.8
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -926.21
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1620.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -231.55
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -721.37
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2196.9
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2911.7
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.8
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2962.1
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2662.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2331.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2695.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2352.4
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2619.6
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -2493.9
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -2613.5
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2424.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2381.1
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2672.7
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2326.4
0.00000E+00   0.00000E+00   0.00000E+00
```

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637        0        0   0.00000E+00   0.00000E+00   -2615.6
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2257.6
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -16246.
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -50902.
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -57916.
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -15867.
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2649.5
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2216.1
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2445.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2387.5
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2236.2
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2502.3
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1468.0
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0891
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -8.9059
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -1.2723
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1372.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2199.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1932.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2645.3
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2741.5
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2106.1
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2238.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2227.6
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2117.1
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2348.5
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2107.3
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2419.2
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -1967.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2312.7
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2125.3
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2219.2
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2194.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2355.7
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -31212.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -62452.
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -29663.
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2150.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -2010.4
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2255.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -1933.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -2092.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2174.8
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -968.17
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -379.22
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3396.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3965.3
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4289.6
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -4956.2
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.8
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5149.1
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4455.6
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4191.3
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4407.2
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4239.7
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4358.8
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -4426.7
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -4375.8
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -4258.6
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -4100.1
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4540.2
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4106.7
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4349.8
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -3969.4
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3993.4
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -66034.
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00  -0.13292E+06
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -62597.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4539.9
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3829.4
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4208.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
760        0        0   0.00000E+00   0.00000E+00   -4081.7
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3885.7
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4287.4
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2421.5
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -1173.2
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -9168.4
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9715.9
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10107.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9316.1
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -8211.9
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -8907.2
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8620.9
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -8498.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -9222.1
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -8399.7
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -9000.1
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -7771.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9537.0
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7991.1
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -8799.8
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -8177.7
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -50429.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -96854.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -48394.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9481.3
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8229.8
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8525.3
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8647.0
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5440.2
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -517.48
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -3342.5
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
 849       0       0   0.00000E+00   0.00000E+00   -3342.5
 0.00000E+00   0.00000E+00   0.00000E+00
 850       0       0   0.00000E+00   0.00000E+00   -4044.0
 0.00000E+00   0.00000E+00   0.00000E+00
 851       0       0   0.00000E+00   0.00000E+00   -4285.5
 0.00000E+00   0.00000E+00   0.00000E+00
 852       0       0   0.00000E+00   0.00000E+00   -5397.1
 0.00000E+00   0.00000E+00   0.00000E+00
 853       0       0   0.00000E+00   0.00000E+00   -4458.2
 0.00000E+00   0.00000E+00   0.00000E+00
 854       0       0   0.00000E+00   0.00000E+00   -4109.1
 0.00000E+00   0.00000E+00   0.00000E+00
 855       0       0   0.00000E+00   0.00000E+00   -3622.1
 0.00000E+00   0.00000E+00   0.00000E+00
 856       0       0   0.00000E+00   0.00000E+00   -3928.8
 0.00000E+00   0.00000E+00   0.00000E+00
 857       0       0   0.00000E+00   0.00000E+00   -3802.5
 0.00000E+00   0.00000E+00   0.00000E+00
 858       0       0   0.00000E+00   0.00000E+00   -3748.4
 0.00000E+00   0.00000E+00   0.00000E+00
 859       0       0   0.00000E+00   0.00000E+00   -4067.7
 0.00000E+00   0.00000E+00   0.00000E+00
 860       0       0   0.00000E+00   0.00000E+00   -3704.9
 0.00000E+00   0.00000E+00   0.00000E+00
 861       0       0   0.00000E+00   0.00000E+00   -3969.8
 0.00000E+00   0.00000E+00   0.00000E+00
 862       0       0   0.00000E+00   0.00000E+00   -3427.9
 0.00000E+00   0.00000E+00   0.00000E+00
 863       0       0   0.00000E+00   0.00000E+00   -4206.5
 0.00000E+00   0.00000E+00   0.00000E+00
 864       0       0   0.00000E+00   0.00000E+00   -3524.7
 0.00000E+00   0.00000E+00   0.00000E+00
 865       0       0   0.00000E+00   0.00000E+00   -3881.4
 0.00000E+00   0.00000E+00   0.00000E+00
 866       0       0   0.00000E+00   0.00000E+00   -3607.0
 0.00000E+00   0.00000E+00   0.00000E+00
 867       0       0   0.00000E+00   0.00000E+00   -3342.5
 0.00000E+00   0.00000E+00   0.00000E+00
 868       0       0   0.00000E+00   0.00000E+00   -41988.
 0.00000E+00   0.00000E+00   0.00000E+00
 869       0       0   0.00000E+00   0.00000E+00   -83525.
 0.00000E+00   0.00000E+00   0.00000E+00
 870       0       0   0.00000E+00   0.00000E+00   -39774.
 0.00000E+00   0.00000E+00   0.00000E+00
 871       0       0   0.00000E+00   0.00000E+00   -4182.0
 0.00000E+00   0.00000E+00   0.00000E+00
 872       0       0   0.00000E+00   0.00000E+00   -3342.5
 0.00000E+00   0.00000E+00   0.00000E+00
 873       0       0   0.00000E+00   0.00000E+00   -3630.0
 0.00000E+00   0.00000E+00   0.00000E+00
 874       0       0   0.00000E+00   0.00000E+00   -3760.3
 0.00000E+00   0.00000E+00   0.00000E+00
 875       0       0   0.00000E+00   0.00000E+00   -3342.5
 0.00000E+00   0.00000E+00   0.00000E+00
 876       0       0   0.00000E+00   0.00000E+00   -3814.0
 0.00000E+00   0.00000E+00   0.00000E+00
 877       0       0   0.00000E+00   0.00000E+00   -2399.6
 0.00000E+00   0.00000E+00   0.00000E+00

     NUMBER OF LOADED NODES OR ELEMENTS          =          237
     LARGEST NODE OR ELEMENT NUMBER              =          877




     L O A D   C A S E       552
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CDM_TRsx - Fz (My) @ 75.5 - Negative - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -492.40 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1091.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -749.98 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -795.07 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -754.30 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -754.30 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -978.55 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1141.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -570.82 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.660 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.60 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.58 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.23 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -364.77 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -330.59 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -281.66 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -344.39 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -279.77 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -334.35 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -296.82 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -335.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.90 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -303.50 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -319.29 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -292.95 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -324.74 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 524 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.60 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 525 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -300.59 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 526 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -255.94 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -272.82 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 528 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -328.81 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 529 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6974.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9298.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

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531        0        0   0.00000E+00   0.00000E+00   -1041.0
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -270.60
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -291.26
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -307.26
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -135.30
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1029.0
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1870.9
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -449.14
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -243.39
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -230.91
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -230.91
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -299.56
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -349.48
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -174.74
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -181.37
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1712.4
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2256.5
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2766.9
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2308.4
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2092.0
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1782.4
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2179.4
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1770.5
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -2115.8
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -1878.3
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2121.7
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1828.2
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1920.6
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2020.6
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1853.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2055.1
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1712.4
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1902.2
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1619.6
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1726.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -2080.8
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -25762.
```

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0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -33969.
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4609.1
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1712.4
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1843.2
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1944.4
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -856.21
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -926.21
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1620.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -231.55
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -723.40
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2192.2
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2913.2
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.0
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2988.9
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2615.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2337.8
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2733.0
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2295.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2699.2
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -2401.5
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -2722.5
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2316.8
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2494.7
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2548.4
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2404.7
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2600.1
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2192.2
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2460.5
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2053.9
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2200.2
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2679.6
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -50620.
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -74665.
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -13734.
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2192.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
647        0        0   0.00000E+00   0.00000E+00   -2362.8
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2484.5
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1096.1
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0891
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -8.9059
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -1.2723
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1372.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2199.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1932.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2645.3
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2741.7
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2105.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2238.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2227.8
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2116.8
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2348.9
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2106.8
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2419.8
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -1966.9
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2313.3
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2124.6
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2219.6
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2194.1
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1932.3
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2249.2
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1748.3
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1907.4
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2412.2
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -38881.
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -66562.
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -18341.
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -1932.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -2092.6
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2174.7
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -966.13
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -379.22
```

```
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -3396.0
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -3965.3
0.00000E+00   0.00000E+00   0.00000E+00
736       0       0   0.00000E+00   0.00000E+00   -4289.6
0.00000E+00   0.00000E+00   0.00000E+00
737       0       0   0.00000E+00   0.00000E+00   -4956.2
0.00000E+00   0.00000E+00   0.00000E+00
738       0       0   0.00000E+00   0.00000E+00   -6091.8
0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -5149.1
0.00000E+00   0.00000E+00   0.00000E+00
740       0       0   0.00000E+00   0.00000E+00   -4455.6
0.00000E+00   0.00000E+00   0.00000E+00
741       0       0   0.00000E+00   0.00000E+00   -4191.3
0.00000E+00   0.00000E+00   0.00000E+00
742       0       0   0.00000E+00   0.00000E+00   -4407.2
0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -4239.7
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -4358.8
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00   -4426.7
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00   -4375.8
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -4258.6
0.00000E+00   0.00000E+00   0.00000E+00
748       0       0   0.00000E+00   0.00000E+00   -4100.1
0.00000E+00   0.00000E+00   0.00000E+00
749       0       0   0.00000E+00   0.00000E+00   -4540.2
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -4106.7
0.00000E+00   0.00000E+00   0.00000E+00
751       0       0   0.00000E+00   0.00000E+00   -4349.8
0.00000E+00   0.00000E+00   0.00000E+00
752       0       0   0.00000E+00   0.00000E+00   -3969.4
0.00000E+00   0.00000E+00   0.00000E+00
753       0       0   0.00000E+00   0.00000E+00   -3993.4
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -3629.4
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -3949.4
0.00000E+00   0.00000E+00   0.00000E+00
756       0       0   0.00000E+00   0.00000E+00   -4352.3
0.00000E+00   0.00000E+00   0.00000E+00
757       0       0   0.00000E+00   0.00000E+00   -82546.
0.00000E+00   0.00000E+00   0.00000E+00
758       0       0   0.00000E+00   0.00000E+00  -0.14112E+06
0.00000E+00   0.00000E+00   0.00000E+00
759       0       0   0.00000E+00   0.00000E+00   -38531.
0.00000E+00   0.00000E+00   0.00000E+00
760       0       0   0.00000E+00   0.00000E+00   -4081.7
0.00000E+00   0.00000E+00   0.00000E+00
761       0       0   0.00000E+00   0.00000E+00   -3885.7
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00   -4287.4
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -2421.5
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -1173.2
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -9168.4
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -9715.9
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
796        0        0   0.00000E+00   0.00000E+00   -10107.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9316.1
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -8211.9
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -8907.2
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8620.9
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -8498.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -9222.1
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -8399.7
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -9000.1
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -7771.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9537.0
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7991.1
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -8799.8
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -8177.7
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7517.2
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8169.0
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8342.8
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -63121.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00  -0.10198E+06
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -31831.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8525.3
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8647.0
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5440.2
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -517.48
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -3342.5
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -3342.5
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -4044.0
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4285.5
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5397.1
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4458.2
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4109.1
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3622.1
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -3928.8
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3802.5
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3748.4
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4067.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3704.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3969.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3427.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4206.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3524.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3881.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3607.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3342.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3315.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3603.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3679.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -52522. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -88421. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24900. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3760.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3342.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3814.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2399.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 235
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 553

CDM_TRsx - Fz (My) @ 81 - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -490.69 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1129.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -818.39 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -806.00 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -740.20 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -773.10 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -526.37 | |

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0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -15.680
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -269.95
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -269.95
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -371.63
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -437.09
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -392.90
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -282.22
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -331.51
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -293.47
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -320.25
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -304.73
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -321.16
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -313.18
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -293.90
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -321.72
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -286.48
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -338.51
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -274.60
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -310.52
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -287.25
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -251.36
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -270.92
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -332.35
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -304.54
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -306.32
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -269.95
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -3899.7
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -9310.4
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -4063.9
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -55.445
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1025.0
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2095.3
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -919.49
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -246.73
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -226.59
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -236.66
0.00000E+00   0.00000E+00   0.00000E+00
```

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       542        0        0   0.00000E+00   0.00000E+00   -161.13
   0.00000E+00   0.00000E+00   0.00000E+00
       563        0        0   0.00000E+00   0.00000E+00   -99.225
   0.00000E+00   0.00000E+00   0.00000E+00
       564        0        0   0.00000E+00   0.00000E+00   -1708.3
   0.00000E+00   0.00000E+00   0.00000E+00
       565        0        0   0.00000E+00   0.00000E+00   -1708.3
   0.00000E+00   0.00000E+00   0.00000E+00
       566        0        0   0.00000E+00   0.00000E+00   -2351.7
   0.00000E+00   0.00000E+00   0.00000E+00
       567        0        0   0.00000E+00   0.00000E+00   -2766.0
   0.00000E+00   0.00000E+00   0.00000E+00
       568        0        0   0.00000E+00   0.00000E+00   -2486.3
   0.00000E+00   0.00000E+00   0.00000E+00
       569        0        0   0.00000E+00   0.00000E+00   -1785.9
   0.00000E+00   0.00000E+00   0.00000E+00
       570        0        0   0.00000E+00   0.00000E+00   -2097.9
   0.00000E+00   0.00000E+00   0.00000E+00
       571        0        0   0.00000E+00   0.00000E+00   -1857.2
   0.00000E+00   0.00000E+00   0.00000E+00
       572        0        0   0.00000E+00   0.00000E+00   -2026.6
   0.00000E+00   0.00000E+00   0.00000E+00
       573        0        0   0.00000E+00   0.00000E+00   -1928.4
   0.00000E+00   0.00000E+00   0.00000E+00
       574        0        0   0.00000E+00   0.00000E+00   -2032.4
   0.00000E+00   0.00000E+00   0.00000E+00
       575        0        0   0.00000E+00   0.00000E+00   -1981.9
   0.00000E+00   0.00000E+00   0.00000E+00
       576        0        0   0.00000E+00   0.00000E+00   -1859.9
   0.00000E+00   0.00000E+00   0.00000E+00
       577        0        0   0.00000E+00   0.00000E+00   -2035.9
   0.00000E+00   0.00000E+00   0.00000E+00
       578        0        0   0.00000E+00   0.00000E+00   -1812.9
   0.00000E+00   0.00000E+00   0.00000E+00
       579        0        0   0.00000E+00   0.00000E+00   -2142.2
   0.00000E+00   0.00000E+00   0.00000E+00
       580        0        0   0.00000E+00   0.00000E+00   -1737.7
   0.00000E+00   0.00000E+00   0.00000E+00
       581        0        0   0.00000E+00   0.00000E+00   -1965.1
   0.00000E+00   0.00000E+00   0.00000E+00
       582        0        0   0.00000E+00   0.00000E+00   -1817.8
   0.00000E+00   0.00000E+00   0.00000E+00
       583        0        0   0.00000E+00   0.00000E+00   -1590.7
   0.00000E+00   0.00000E+00   0.00000E+00
       584        0        0   0.00000E+00   0.00000E+00   -1714.4
   0.00000E+00   0.00000E+00   0.00000E+00
       585        0        0   0.00000E+00   0.00000E+00   -2103.2
   0.00000E+00   0.00000E+00   0.00000E+00
       586        0        0   0.00000E+00   0.00000E+00   -1927.2
   0.00000E+00   0.00000E+00   0.00000E+00
       587        0        0   0.00000E+00   0.00000E+00   -1938.5
   0.00000E+00   0.00000E+00   0.00000E+00
       588        0        0   0.00000E+00   0.00000E+00   -1708.3
   0.00000E+00   0.00000E+00   0.00000E+00
       589        0        0   0.00000E+00   0.00000E+00   -14784.
   0.00000E+00   0.00000E+00   0.00000E+00
       590        0        0   0.00000E+00   0.00000E+00   -34042.
   0.00000E+00   0.00000E+00   0.00000E+00
       591        0        0   0.00000E+00   0.00000E+00   -15258.
   0.00000E+00   0.00000E+00   0.00000E+00
       592        0        0   0.00000E+00   0.00000E+00   -350.87
   0.00000E+00   0.00000E+00   0.00000E+00
       593        0        0   0.00000E+00   0.00000E+00   -922.59
   0.00000E+00   0.00000E+00   0.00000E+00
       594        0        0   0.00000E+00   0.00000E+00   -1845.2
   0.00000E+00   0.00000E+00   0.00000E+00
       595        0        0   0.00000E+00   0.00000E+00   -705.51
   0.00000E+00   0.00000E+00   0.00000E+00
       620        0        0   0.00000E+00   0.00000E+00   -438.91
   0.00000E+00   0.00000E+00   0.00000E+00
       621        0        0   0.00000E+00   0.00000E+00   -2253.4
   0.00000E+00   0.00000E+00   0.00000E+00
       622        0        0   0.00000E+00   0.00000E+00   -2186.9
```

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0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -3010.1
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -3539.0
0.00000E+00   0.00000E+00   0.00000E+00
625       0       0   0.00000E+00   0.00000E+00   -3176.1
0.00000E+00   0.00000E+00   0.00000E+00
626       0       0   0.00000E+00   0.00000E+00   -2293.4
0.00000E+00   0.00000E+00   0.00000E+00
627       0       0   0.00000E+00   0.00000E+00   -2672.2
0.00000E+00   0.00000E+00   0.00000E+00
628       0       0   0.00000E+00   0.00000E+00   -2389.9
0.00000E+00   0.00000E+00   0.00000E+00
629       0       0   0.00000E+00   0.00000E+00   -2575.6
0.00000E+00   0.00000E+00   0.00000E+00
630       0       0   0.00000E+00   0.00000E+00   -2486.5
0.00000E+00   0.00000E+00   0.00000E+00
631       0       0   0.00000E+00   0.00000E+00   -2580.4
0.00000E+00   0.00000E+00   0.00000E+00
632       0       0   0.00000E+00   0.00000E+00   -2556.8
0.00000E+00   0.00000E+00   0.00000E+00
633       0       0   0.00000E+00   0.00000E+00   -2350.5
0.00000E+00   0.00000E+00   0.00000E+00
634       0       0   0.00000E+00   0.00000E+00   -2636.5
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -2307.9
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -2732.3
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -2244.2
0.00000E+00   0.00000E+00   0.00000E+00
638       0       0   0.00000E+00   0.00000E+00   -2471.2
0.00000E+00   0.00000E+00   0.00000E+00
639       0       0   0.00000E+00   0.00000E+00   -2369.9
0.00000E+00   0.00000E+00   0.00000E+00
640       0       0   0.00000E+00   0.00000E+00   -2020.0
0.00000E+00   0.00000E+00   0.00000E+00
641       0       0   0.00000E+00   0.00000E+00   -2170.1
0.00000E+00   0.00000E+00   0.00000E+00
642       0       0   0.00000E+00   0.00000E+00   -2737.7
0.00000E+00   0.00000E+00   0.00000E+00
643       0       0   0.00000E+00   0.00000E+00   -2423.6
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -2497.7
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -2206.8
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -20523.
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -74811.
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -43372.
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -518.47
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -5.0692
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -10.138
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -3.8764
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1378.2
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -2197.5
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -1927.3
0.00000E+00   0.00000E+00   0.00000E+00
680       0       0   0.00000E+00   0.00000E+00   -2651.2
0.00000E+00   0.00000E+00   0.00000E+00
681       0       0   0.00000E+00   0.00000E+00   -3112.7
0.00000E+00   0.00000E+00   0.00000E+00
682       0       0   0.00000E+00   0.00000E+00   -2777.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
683        0        0   0.00000E+00   0.00000E+00   -2043.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2312.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2145.8
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2210.3
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2247.9
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2206.1
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2316.0
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2419.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -1993.1
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2376.2
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2040.3
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2036.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2225.1
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1728.6
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1834.3
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2556.8
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -1997.6
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -2252.8
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2008.4
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5730.8
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -66858.
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -50967.
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -677.26
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -2702.5
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -4315.5
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -3777.8
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5181.2
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6092.2
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5390.5
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4076.8
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4432.3
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4302.0
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4207.1
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4527.3
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -4190.5
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -4664.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -3853.4
0.00000E+00   0.00000E+00   0.00000E+00
748       0       0   0.00000E+00   0.00000E+00   -4601.1
0.00000E+00   0.00000E+00   0.00000E+00
749       0       0   0.00000E+00   0.00000E+00   -4066.2
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -4451.7
0.00000E+00   0.00000E+00   0.00000E+00
751       0       0   0.00000E+00   0.00000E+00   -4187.6
0.00000E+00   0.00000E+00   0.00000E+00
752       0       0   0.00000E+00   0.00000E+00   -3852.4
0.00000E+00   0.00000E+00   0.00000E+00
753       0       0   0.00000E+00   0.00000E+00   -4386.2
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -3407.0
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -3681.9
0.00000E+00   0.00000E+00   0.00000E+00
756       0       0   0.00000E+00   0.00000E+00   -4820.6
0.00000E+00   0.00000E+00   0.00000E+00
757       0       0   0.00000E+00   0.00000E+00   -4101.6
0.00000E+00   0.00000E+00   0.00000E+00
758       0       0   0.00000E+00   0.00000E+00   -4101.2
0.00000E+00   0.00000E+00   0.00000E+00
759       0       0   0.00000E+00   0.00000E+00   -4245.8
0.00000E+00   0.00000E+00   0.00000E+00
760       0       0   0.00000E+00   0.00000E+00   -23191.
0.00000E+00   0.00000E+00   0.00000E+00
761       0       0   0.00000E+00   0.00000E+00  -0.14153E+06
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00   -97020.
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -1693.3
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -5421.6
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -8682.6
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -7595.6
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -10400.
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -10780.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -8272.9
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -8803.4
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -8752.9
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -8323.4
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -9232.8
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -8281.3
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -7729.8
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -9096.2
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -8348.7
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -8727.6
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -8622.6
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -7595.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       810        0        0   0.00000E+00   0.00000E+00   -8843.6
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -6870.9
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -7497.2
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -9483.3
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -8450.0
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -7904.3
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -8870.5
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -29052.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00  -0.10263E+06
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -64334.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -3797.8
0.00000E+00   0.00000E+00   0.00000E+00
       848        0        0   0.00000E+00   0.00000E+00   -2391.3
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -3829.7
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -3350.2
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -4587.4
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -5398.3
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -4754.8
0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -3649.0
0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -3883.0
0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -3860.7
0.00000E+00   0.00000E+00   0.00000E+00
       857        0        0   0.00000E+00   0.00000E+00   -3671.3
0.00000E+00   0.00000E+00   0.00000E+00
       858        0        0   0.00000E+00   0.00000E+00   -4072.4
0.00000E+00   0.00000E+00   0.00000E+00
       859        0        0   0.00000E+00   0.00000E+00   -3652.7
0.00000E+00   0.00000E+00   0.00000E+00
       860        0        0   0.00000E+00   0.00000E+00   -4195.8
0.00000E+00   0.00000E+00   0.00000E+00
       861        0        0   0.00000E+00   0.00000E+00   -3409.4
0.00000E+00   0.00000E+00   0.00000E+00
       862        0        0   0.00000E+00   0.00000E+00   -4012.1
0.00000E+00   0.00000E+00   0.00000E+00
       863        0        0   0.00000E+00   0.00000E+00   -3682.4
0.00000E+00   0.00000E+00   0.00000E+00
       864        0        0   0.00000E+00   0.00000E+00   -3849.5
0.00000E+00   0.00000E+00   0.00000E+00
       865        0        0   0.00000E+00   0.00000E+00   -3803.2
0.00000E+00   0.00000E+00   0.00000E+00
       866        0        0   0.00000E+00   0.00000E+00   -3350.2
0.00000E+00   0.00000E+00   0.00000E+00
       867        0        0   0.00000E+00   0.00000E+00   -3900.7
0.00000E+00   0.00000E+00   0.00000E+00
       868        0        0   0.00000E+00   0.00000E+00   -3030.6
0.00000E+00   0.00000E+00   0.00000E+00
       869        0        0   0.00000E+00   0.00000E+00   -3306.8
0.00000E+00   0.00000E+00   0.00000E+00
       870        0        0   0.00000E+00   0.00000E+00   -4182.9
0.00000E+00   0.00000E+00   0.00000E+00
       871        0        0   0.00000E+00   0.00000E+00   -3727.1
0.00000E+00   0.00000E+00   0.00000E+00
       872        0        0   0.00000E+00   0.00000E+00   -3486.4
0.00000E+00   0.00000E+00   0.00000E+00
       873        0        0   0.00000E+00   0.00000E+00   -3912.6
```

0.00000E+00 0.00000E+00 0.00000E+00
874 0 0 0.00000E+00 0.00000E+00 -22686.
0.00000E+00 0.00000E+00 0.00000E+00
875 0 0 0.00000E+00 0.00000E+00 -88707.
0.00000E+00 0.00000E+00 0.00000E+00
876 0 0 0.00000E+00 0.00000E+00 -54044.
0.00000E+00 0.00000E+00 0.00000E+00
877 0 0 0.00000E+00 0.00000E+00 -1675.1
0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 230
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 554

CDM_TRsx - Fz (My) @ 0 - Positive - Characteristic

CONCENTRATED LOAD
FIRST LAST DIFF FORCE FORCE FORCE
FORCE FORCE FORCE
NODE NODE RNCE FX FY FZ
MX MY MZ
479 0 0 0.00000E+00 0.00000E+00 -1105.4
0.00000E+00 0.00000E+00 0.00000E+00
480 0 0 0.00000E+00 0.00000E+00 -2086.4
0.00000E+00 0.00000E+00 0.00000E+00
481 0 0 0.00000E+00 0.00000E+00 -1881.6
0.00000E+00 0.00000E+00 0.00000E+00
482 0 0 0.00000E+00 0.00000E+00 -1804.8
0.00000E+00 0.00000E+00 0.00000E+00
483 0 0 0.00000E+00 0.00000E+00 -2112.0
0.00000E+00 0.00000E+00 0.00000E+00
484 0 0 0.00000E+00 0.00000E+00 -1766.4
0.00000E+00 0.00000E+00 0.00000E+00
485 0 0 0.00000E+00 0.00000E+00 -2419.2
0.00000E+00 0.00000E+00 0.00000E+00
486 0 0 0.00000E+00 0.00000E+00 -2867.2
0.00000E+00 0.00000E+00 0.00000E+00
487 0 0 0.00000E+00 0.00000E+00 -2508.8
0.00000E+00 0.00000E+00 0.00000E+00
488 0 0 0.00000E+00 0.00000E+00 -1804.8
0.00000E+00 0.00000E+00 0.00000E+00
489 0 0 0.00000E+00 0.00000E+00 -1881.6
0.00000E+00 0.00000E+00 0.00000E+00
490 0 0 0.00000E+00 0.00000E+00 -2035.2
0.00000E+00 0.00000E+00 0.00000E+00
491 0 0 0.00000E+00 0.00000E+00 -1766.4
0.00000E+00 0.00000E+00 0.00000E+00
492 0 0 0.00000E+00 0.00000E+00 -2035.2
0.00000E+00 0.00000E+00 0.00000E+00
493 0 0 0.00000E+00 0.00000E+00 -2355.2
0.00000E+00 0.00000E+00 0.00000E+00
494 0 0 0.00000E+00 0.00000E+00 -2867.2
0.00000E+00 0.00000E+00 0.00000E+00
495 0 0 0.00000E+00 0.00000E+00 -2342.4
0.00000E+00 0.00000E+00 0.00000E+00
496 0 0 0.00000E+00 0.00000E+00 -1766.4
0.00000E+00 0.00000E+00 0.00000E+00
497 0 0 0.00000E+00 0.00000E+00 -192.00
0.00000E+00 0.00000E+00 0.00000E+00
506 0 0 0.00000E+00 0.00000E+00 -37.390
0.00000E+00 0.00000E+00 0.00000E+00
507 0 0 0.00000E+00 0.00000E+00 -678.18
0.00000E+00 0.00000E+00 0.00000E+00
508 0 0 0.00000E+00 0.00000E+00 -678.18

```
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -927.02
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2343.2
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2765.1
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2825.9
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2812.1
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2779.0
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2859.1
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2847.0
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -7845.5
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -15022.
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -7396.3
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2759.4
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2837.4
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2689.2
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2694.9
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2551.0
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -2358.4
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -2581.9
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2869.8
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2866.4
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1509.7
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -780.04
0.00000E+00   0.00000E+00   0.00000E+00
532      533        1   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -70.913
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1676.3
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -947.46
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -575.99
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -552.48
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -646.52
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -540.73
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -740.56
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -877.70
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -767.99
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -552.48
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -575.99
0.00000E+00   0.00000E+00   0.00000E+00
```

```
547        0        0   0.00000E+00   0.00000E+00   -623.01
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -540.73
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -623.01
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -720.97
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -877.70
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -717.05
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -540.73
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -58.775
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -236.62
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5866.4
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6508.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5311.5
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5593.2
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5574.3
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5330.3
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -5837.2
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -5336.5
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -23740.
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -49015.
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -22115.
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5309.7
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5596.7
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5428.5
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4909.1
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -5587.1
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4386.8
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4796.9
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -6034.1
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5373.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4787.0
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4936.3
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -448.75
```

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0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -1411.0
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -325.62
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -653.31
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5488.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5721.1
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7412.4
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8851.3
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7688.3
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6149.2
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6278.0
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6348.7
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6078.6
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6548.1
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6156.2
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -60466.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00  -0.10475E+06
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -29227.
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6188.4
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6238.8
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6221.8
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5588.0
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -6249.8
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5034.9
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5496.9
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6738.4
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6221.6
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5742.1
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6234.9
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -5637.9
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5488.2
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1797.7
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -848.31
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -7.7529
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -1.7891
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1689.6
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4818.5
0.00000E+00   0.00000E+00   0.00000E+00
```

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679        0        0   0.00000E+00   0.00000E+00   -5763.9
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6222.8
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7781.9
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6450.4
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5873.4
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5271.1
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5620.6
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5523.9
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5367.8
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5901.6
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -69186.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -93957.
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -9353.3
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -6032.3
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5112.2
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5568.3
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5223.7
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4822.6
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4771.0
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5185.7
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5312.4
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6036.4
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4819.9
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5227.2
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5426.2
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4818.5
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5472.6
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3444.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3320.1
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9429.0
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -11288.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12174.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12619.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11499.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10312.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -10999.
```

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0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10812.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10499.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -52776.
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.17576E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00  -0.13291E+06
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -14252.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11812.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -9999.2
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -10898.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10226.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9429.0
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9340.4
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -10152.
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10388.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11819.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9429.0
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10226.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10624.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9429.0
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10757.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6772.9
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -6669.2
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -22675.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24454.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25348.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23099.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -20714.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -22095.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -21718.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -21090.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -80427.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.15504E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -60086.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -19428.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       806        0        0   0.00000E+00   0.00000E+00   -23727.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -20086.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -21891.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -20541.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -18763.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20393.
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -20867.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -23742.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -20541.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -21342.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -21608.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -13605.
0.00000E+00   0.00000E+00   0.00000E+00
       848        0        0   0.00000E+00   0.00000E+00   -2941.6
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -10002.
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -10786.
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -11181.
0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -10188.
0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -9136.4
0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -9745.5
0.00000E+00   0.00000E+00   0.00000E+00
       857        0        0   0.00000E+00   0.00000E+00   -9579.4
0.00000E+00   0.00000E+00   0.00000E+00
       858        0        0   0.00000E+00   0.00000E+00   -9302.5
0.00000E+00   0.00000E+00   0.00000E+00
       859        0        0   0.00000E+00   0.00000E+00   -61800.
0.00000E+00   0.00000E+00   0.00000E+00
       860        0        0   0.00000E+00   0.00000E+00  -0.13013E+06
0.00000E+00   0.00000E+00   0.00000E+00
       861        0        0   0.00000E+00   0.00000E+00   -43734.
0.00000E+00   0.00000E+00   0.00000E+00
       862        0        0   0.00000E+00   0.00000E+00   -8569.3
0.00000E+00   0.00000E+00   0.00000E+00
       863        0        0   0.00000E+00   0.00000E+00   -10465.
0.00000E+00   0.00000E+00   0.00000E+00
       864        0        0   0.00000E+00   0.00000E+00   -8859.5
0.00000E+00   0.00000E+00   0.00000E+00
       865        0        0   0.00000E+00   0.00000E+00   -9655.5
0.00000E+00   0.00000E+00   0.00000E+00
       866        0        0   0.00000E+00   0.00000E+00   -9060.3
0.00000E+00   0.00000E+00   0.00000E+00
       867        0        0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
       868        0        0   0.00000E+00   0.00000E+00   -8275.8
0.00000E+00   0.00000E+00   0.00000E+00
       869        0        0   0.00000E+00   0.00000E+00   -8994.9
```

0.00000E+00 0.00000E+00 0.00000E+00
870 0 0 0.00000E+00 0.00000E+00 -9204.1
0.00000E+00 0.00000E+00 0.00000E+00
871 0 0 0.00000E+00 0.00000E+00 -10472.
0.00000E+00 0.00000E+00 0.00000E+00
872 0 0 0.00000E+00 0.00000E+00 -8354.3
0.00000E+00 0.00000E+00 0.00000E+00
873 0 0 0.00000E+00 0.00000E+00 -9060.3
0.00000E+00 0.00000E+00 0.00000E+00
874 0 0 0.00000E+00 0.00000E+00 -9413.3
0.00000E+00 0.00000E+00 0.00000E+00
875 0 0 0.00000E+00 0.00000E+00 -8354.3
0.00000E+00 0.00000E+00 0.00000E+00
876 0 0 0.00000E+00 0.00000E+00 -9530.9
0.00000E+00 0.00000E+00 0.00000E+00
877 0 0 0.00000E+00 0.00000E+00 -6001.0
0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 250
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 555

CDM_TRsx - Fz (My) @ 5 - Positive - Characteristic

CONCENTRATED LOAD
FIRST LAST DIFF FORCE FORCE FORCE
FORCE FORCE FORCE
NODE NODE RNCE FX FY FZ
MX MY MZ
479 0 0 0.00000E+00 0.00000E+00 -891.98
0.00000E+00 0.00000E+00 0.00000E+00
480 0 0 0.00000E+00 0.00000E+00 -1998.7
0.00000E+00 0.00000E+00 0.00000E+00
481 0 0 0.00000E+00 0.00000E+00 -1938.1
0.00000E+00 0.00000E+00 0.00000E+00
482 0 0 0.00000E+00 0.00000E+00 -1784.0
0.00000E+00 0.00000E+00 0.00000E+00
483 0 0 0.00000E+00 0.00000E+00 -2059.4
0.00000E+00 0.00000E+00 0.00000E+00
484 0 0 0.00000E+00 0.00000E+00 -1877.5
0.00000E+00 0.00000E+00 0.00000E+00
485 0 0 0.00000E+00 0.00000E+00 -2367.7
0.00000E+00 0.00000E+00 0.00000E+00
486 0 0 0.00000E+00 0.00000E+00 -2870.5
0.00000E+00 0.00000E+00 0.00000E+00
487 0 0 0.00000E+00 0.00000E+00 -2294.4
0.00000E+00 0.00000E+00 0.00000E+00
488 0 0 0.00000E+00 0.00000E+00 -2125.1
0.00000E+00 0.00000E+00 0.00000E+00
489 0 0 0.00000E+00 0.00000E+00 -1784.0
0.00000E+00 0.00000E+00 0.00000E+00
490 0 0 0.00000E+00 0.00000E+00 -1872.4
0.00000E+00 0.00000E+00 0.00000E+00
491 0 0 0.00000E+00 0.00000E+00 -2064.4
0.00000E+00 0.00000E+00 0.00000E+00
492 0 0 0.00000E+00 0.00000E+00 -1784.0
0.00000E+00 0.00000E+00 0.00000E+00
493 0 0 0.00000E+00 0.00000E+00 -2428.3
0.00000E+00 0.00000E+00 0.00000E+00
494 0 0 0.00000E+00 0.00000E+00 -2870.5
0.00000E+00 0.00000E+00 0.00000E+00
495 0 0 0.00000E+00 0.00000E+00 -2415.7
0.00000E+00 0.00000E+00 0.00000E+00
496 0 0 0.00000E+00 0.00000E+00 -1943.2

```
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1784.0
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2054.3
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1882.5
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1784.0
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2489.0
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2885.7
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2499.1
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1784.0
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2487.0
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2774.9
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2470.3
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2738.3
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3296.5
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3963.6
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3381.2
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2757.9
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2929.3
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2653.0
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2979.4
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -10392.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -15679.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -4236.2
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2738.4
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2803.6
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2716.1
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2971.0
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2613.6
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2653.1
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2675.6
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1581.5
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -716.04
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.17
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -833.62
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -753.12
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -743.58
0.00000E+00   0.00000E+00   0.00000E+00
```

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533        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -171.60
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -273.06
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -611.86
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -593.30
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -546.11
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -630.42
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -574.73
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -724.79
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.73
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -702.36
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -650.54
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -546.11
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -573.18
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -631.97
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -546.11
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -743.36
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -878.73
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -739.49
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -594.84
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -546.11
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -628.88
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -576.28
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -546.11
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -761.92
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -883.37
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -765.02
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -546.11
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4492.9
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5097.8
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4889.7
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5718.1
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6252.5
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7796.3
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6445.1
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5923.3
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5246.3
```

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0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -5675.1
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -5477.8
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -33038.
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -51137.
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -10665.
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -5598.0
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -5036.0
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -6045.6
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -5124.0
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -5632.6
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -5117.9
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -4895.1
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -4636.8
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -4531.3
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -4772.6
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -5275.3
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -4765.9
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -4705.6
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -1085.9
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -3935.5
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -4722.2
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -5537.2
0.00000E+00   0.00000E+00   0.00000E+00
622       0       0   0.00000E+00   0.00000E+00   -6396.7
0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -7163.8
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625       0       0   0.00000E+00   0.00000E+00   -7339.0
0.00000E+00   0.00000E+00   0.00000E+00
626       0       0   0.00000E+00   0.00000E+00   -6669.4
0.00000E+00   0.00000E+00   0.00000E+00
627       0       0   0.00000E+00   0.00000E+00   -6001.2
0.00000E+00   0.00000E+00   0.00000E+00
628       0       0   0.00000E+00   0.00000E+00   -6390.9
0.00000E+00   0.00000E+00   0.00000E+00
629       0       0   0.00000E+00   0.00000E+00   -6279.8
0.00000E+00   0.00000E+00   0.00000E+00
630       0       0   0.00000E+00   0.00000E+00   -41143.
0.00000E+00   0.00000E+00   0.00000E+00
631       0       0   0.00000E+00   0.00000E+00   -97362.
0.00000E+00   0.00000E+00   0.00000E+00
632       0       0   0.00000E+00   0.00000E+00   -55964.
0.00000E+00   0.00000E+00   0.00000E+00
633       0       0   0.00000E+00   0.00000E+00   -6460.6
0.00000E+00   0.00000E+00   0.00000E+00
```

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634        0        0   0.00000E+00   0.00000E+00   -5646.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6901.3
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5769.3
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6389.0
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5886.3
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5529.2
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5799.5
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6099.6
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6797.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5478.8
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6041.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6072.0
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2431.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -21.624
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1006.3
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4806.3
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5104.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6664.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6663.1
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5359.6
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5766.0
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5153.0
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5972.5
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5239.6
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -74202.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -93328.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5877.2
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5060.5
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5723.6
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5402.0
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5275.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5486.9
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4806.0
```

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0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -4691.7
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -5107.5
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -5343.8
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -6129.6
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -4814.3
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -5135.8
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -5504.7
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -5451.1
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736       0       0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737       0       0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738       0       0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740       0       0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
741       0       0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742       0       0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
748       0       0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
749       0       0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
751       0       0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
752       0       0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
753       0       0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
756       0       0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
757       0       0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
758       0       0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
759       0       0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -13495.
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11166. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10358. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10510. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8846.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9987.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -78301. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.13237E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24389. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8855.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10415. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10136. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8631.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8480.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8424.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8828.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9333.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10298. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9207.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9288.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 556

CDM_TRsx - Fz (My) @ 10 (-X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -893.25 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
480        0        0   0.00000E+00   0.00000E+00   -1992.9
0.00000E+00   0.00000E+00   0.00000E+00
481        0        0   0.00000E+00   0.00000E+00   -1946.6
0.00000E+00   0.00000E+00   0.00000E+00
482        0        0   0.00000E+00   0.00000E+00   -1786.5
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -2039.2
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -1900.3
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -2359.5
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -2870.8
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -2282.3
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -2131.8
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -1807.7
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -1811.6
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -2128.0
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -1786.5
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -2405.8
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -2870.8
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -2353.7
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -2035.4
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1786.5
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1950.5
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1989.1
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1786.5
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2452.1
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2870.8
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2446.3
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1896.5
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2406.2
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2794.9
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2536.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2596.8
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3373.0
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3975.5
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3453.2
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2691.9
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2892.1
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2763.1
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2793.7
0.00000E+00   0.00000E+00   0.00000E+00
```

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516        0        0   0.00000E+00   0.00000E+00   -12898.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -14647.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2950.1
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2608.8
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2861.4
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2796.0
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2760.8
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2818.3
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2501.5
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2463.4
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -784.10
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -716.04
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.17
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -833.62
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -753.12
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -743.58
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -171.60
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -273.44
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -610.08
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -595.91
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -546.89
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -624.26
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -581.73
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -722.30
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.80
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -698.67
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -652.61
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -553.39
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -554.57
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -651.42
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -546.89
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -736.47
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -878.80
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -720.52
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -623.08
```

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0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -546.89
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -597.09
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -608.90
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -546.89
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -750.64
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -878.80
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -748.87
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -580.55
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4468.2
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5103.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4910.0
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5674.8
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6275.9
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7799.9
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6467.1
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5903.1
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5235.0
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5708.8
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5420.9
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -41368.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -48020.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5509.8
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -5558.4
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -5053.6
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -6070.1
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5059.7
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5695.3
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -5071.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4830.2
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4392.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4531.3
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4772.6
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5275.3
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4765.9
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4705.6
0.00000E+00   0.00000E+00   0.00000E+00
```

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590        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1085.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -3935.5
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4722.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5537.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6396.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7163.8
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7339.0
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6669.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6001.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6390.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6279.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -51650.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -93470.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49348.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6460.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5646.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6901.3
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5769.3
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6389.0
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5886.3
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5529.2
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5799.5
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6099.6
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6797.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5478.8
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6041.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6072.0
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2431.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -21.624
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1006.3
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4806.3
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5104.3
```

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0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6664.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6663.1
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5359.6
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5766.0
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5153.0
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5972.5
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5320.4
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -74172.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -93277.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5877.2
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5060.5
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5723.6
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5402.0
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5275.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5486.9
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4691.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5107.5
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5343.8
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6129.6
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4814.3
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5135.8
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5504.7
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5451.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
```

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       743        0        0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -19636.
```

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      0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22980.
      0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -19569.
      0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -19226.
      0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -19100.
      0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -20016.
      0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -21161.
      0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23348.
      0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18985.
      0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20875.
      0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21058.
      0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18985.
      0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21699.
      0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13558.
      0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -6808.3
      0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -9156.9
      0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -11026.
      0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13495.
      0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11166.
      0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10358.
      0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8661.1
      0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10510.
      0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -8846.5
      0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9987.3
      0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -78301.
      0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00  -0.13237E+06
      0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -24389.
      0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -8855.5
      0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -10415.
      0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -8661.1
      0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -10136.
      0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -8631.7
      0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -8480.1
      0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -8424.6
      0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -8828.6
      0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -9333.7
      0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -10298.
      0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9207.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9288.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 557

CDM_TRsx - Fz (My) @ 10 (+X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -893.25 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1992.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1946.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1786.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2039.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1900.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2359.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2282.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2131.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1807.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1811.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2128.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1786.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2405.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2353.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2035.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1786.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1950.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
499        0        0   0.00000E+00   0.00000E+00   -1989.1
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1786.5
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2452.1
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2870.8
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2446.3
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1896.5
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2406.2
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2794.9
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2536.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2596.8
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3373.0
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3975.5
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3453.2
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2691.9
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2892.1
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2763.1
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2793.7
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -10582.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -15505.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -4408.4
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2608.8
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2861.4
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2796.0
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2760.8
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2818.3
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2501.5
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2463.4
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -784.10
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -716.04
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.17
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -833.62
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -753.12
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -743.58
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -171.60
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -273.44
```

0.00000E+00 0.00000E+00 0.00000E+00
537 0 0 0.00000E+00 0.00000E+00 -610.08
0.00000E+00 0.00000E+00 0.00000E+00
538 0 0 0.00000E+00 0.00000E+00 -595.91
0.00000E+00 0.00000E+00 0.00000E+00
539 0 0 0.00000E+00 0.00000E+00 -546.89
0.00000E+00 0.00000E+00 0.00000E+00
540 0 0 0.00000E+00 0.00000E+00 -624.26
0.00000E+00 0.00000E+00 0.00000E+00
541 0 0 0.00000E+00 0.00000E+00 -581.73
0.00000E+00 0.00000E+00 0.00000E+00
542 0 0 0.00000E+00 0.00000E+00 -722.30
0.00000E+00 0.00000E+00 0.00000E+00
543 0 0 0.00000E+00 0.00000E+00 -878.80
0.00000E+00 0.00000E+00 0.00000E+00
544 0 0 0.00000E+00 0.00000E+00 -698.67
0.00000E+00 0.00000E+00 0.00000E+00
545 0 0 0.00000E+00 0.00000E+00 -652.61
0.00000E+00 0.00000E+00 0.00000E+00
546 0 0 0.00000E+00 0.00000E+00 -553.39
0.00000E+00 0.00000E+00 0.00000E+00
547 0 0 0.00000E+00 0.00000E+00 -554.57
0.00000E+00 0.00000E+00 0.00000E+00
548 0 0 0.00000E+00 0.00000E+00 -651.42
0.00000E+00 0.00000E+00 0.00000E+00
549 0 0 0.00000E+00 0.00000E+00 -546.89
0.00000E+00 0.00000E+00 0.00000E+00
550 0 0 0.00000E+00 0.00000E+00 -736.47
0.00000E+00 0.00000E+00 0.00000E+00
551 0 0 0.00000E+00 0.00000E+00 -878.80
0.00000E+00 0.00000E+00 0.00000E+00
552 0 0 0.00000E+00 0.00000E+00 -720.52
0.00000E+00 0.00000E+00 0.00000E+00
553 0 0 0.00000E+00 0.00000E+00 -623.08
0.00000E+00 0.00000E+00 0.00000E+00
554 0 0 0.00000E+00 0.00000E+00 -546.89
0.00000E+00 0.00000E+00 0.00000E+00
555 0 0 0.00000E+00 0.00000E+00 -597.09
0.00000E+00 0.00000E+00 0.00000E+00
556 0 0 0.00000E+00 0.00000E+00 -608.90
0.00000E+00 0.00000E+00 0.00000E+00
557 0 0 0.00000E+00 0.00000E+00 -546.89
0.00000E+00 0.00000E+00 0.00000E+00
558 0 0 0.00000E+00 0.00000E+00 -750.64
0.00000E+00 0.00000E+00 0.00000E+00
559 0 0 0.00000E+00 0.00000E+00 -878.80
0.00000E+00 0.00000E+00 0.00000E+00
560 0 0 0.00000E+00 0.00000E+00 -748.87
0.00000E+00 0.00000E+00 0.00000E+00
561 0 0 0.00000E+00 0.00000E+00 -580.55
0.00000E+00 0.00000E+00 0.00000E+00
562 0 0 0.00000E+00 0.00000E+00 -4468.2
0.00000E+00 0.00000E+00 0.00000E+00
563 0 0 0.00000E+00 0.00000E+00 -5103.9
0.00000E+00 0.00000E+00 0.00000E+00
564 0 0 0.00000E+00 0.00000E+00 -4910.0
0.00000E+00 0.00000E+00 0.00000E+00
565 0 0 0.00000E+00 0.00000E+00 -5674.8
0.00000E+00 0.00000E+00 0.00000E+00
566 0 0 0.00000E+00 0.00000E+00 -6275.9
0.00000E+00 0.00000E+00 0.00000E+00
567 0 0 0.00000E+00 0.00000E+00 -7799.9
0.00000E+00 0.00000E+00 0.00000E+00
568 0 0 0.00000E+00 0.00000E+00 -6467.1
0.00000E+00 0.00000E+00 0.00000E+00
569 0 0 0.00000E+00 0.00000E+00 -5903.1
0.00000E+00 0.00000E+00 0.00000E+00
570 0 0 0.00000E+00 0.00000E+00 -5235.0
0.00000E+00 0.00000E+00 0.00000E+00
571 0 0 0.00000E+00 0.00000E+00 -5708.8
0.00000E+00 0.00000E+00 0.00000E+00
572 0 0 0.00000E+00 0.00000E+00 -5420.9
0.00000E+00 0.00000E+00 0.00000E+00

```
573        0        0   0.00000E+00   0.00000E+00   -33096.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -51084.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -10718.
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -5558.4
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -5053.6
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -6070.1
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5059.7
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5695.3
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -5071.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4830.2
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4392.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4531.3
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4772.6
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5275.3
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4765.9
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4705.6
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1085.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -3935.5
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4722.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5537.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6396.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7163.8
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7339.0
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6669.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6001.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6390.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6279.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -41143.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -97362.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -55964.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6460.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5646.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6901.3
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5769.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -6389.0
0.00000E+00   0.00000E+00   0.00000E+00
638       0       0   0.00000E+00   0.00000E+00   -5886.3
0.00000E+00   0.00000E+00   0.00000E+00
639       0       0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
640       0       0   0.00000E+00   0.00000E+00   -5529.2
0.00000E+00   0.00000E+00   0.00000E+00
641       0       0   0.00000E+00   0.00000E+00   -5799.5
0.00000E+00   0.00000E+00   0.00000E+00
642       0       0   0.00000E+00   0.00000E+00   -6099.6
0.00000E+00   0.00000E+00   0.00000E+00
643       0       0   0.00000E+00   0.00000E+00   -6797.0
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -5478.8
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -6041.7
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -6072.0
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -2431.0
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -21.624
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1006.3
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -4806.3
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -5104.3
0.00000E+00   0.00000E+00   0.00000E+00
680       0       0   0.00000E+00   0.00000E+00   -6664.1
0.00000E+00   0.00000E+00   0.00000E+00
681       0       0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682       0       0   0.00000E+00   0.00000E+00   -6663.1
0.00000E+00   0.00000E+00   0.00000E+00
683       0       0   0.00000E+00   0.00000E+00   -5359.6
0.00000E+00   0.00000E+00   0.00000E+00
684       0       0   0.00000E+00   0.00000E+00   -5766.0
0.00000E+00   0.00000E+00   0.00000E+00
685       0       0   0.00000E+00   0.00000E+00   -5153.0
0.00000E+00   0.00000E+00   0.00000E+00
686       0       0   0.00000E+00   0.00000E+00   -5972.5
0.00000E+00   0.00000E+00   0.00000E+00
687       0       0   0.00000E+00   0.00000E+00   -5239.6
0.00000E+00   0.00000E+00   0.00000E+00
688       0       0   0.00000E+00   0.00000E+00   -74202.
0.00000E+00   0.00000E+00   0.00000E+00
689       0       0   0.00000E+00   0.00000E+00   -93328.
0.00000E+00   0.00000E+00   0.00000E+00
690       0       0   0.00000E+00   0.00000E+00   -5877.2
0.00000E+00   0.00000E+00   0.00000E+00
691       0       0   0.00000E+00   0.00000E+00   -5060.5
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -5723.6
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -5402.0
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -5275.2
0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -5486.9
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -4691.7
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -5107.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       699        0        0   0.00000E+00   0.00000E+00   -5343.8
   0.00000E+00   0.00000E+00   0.00000E+00
       700        0        0   0.00000E+00   0.00000E+00   -6129.6
   0.00000E+00   0.00000E+00   0.00000E+00
       701        0        0   0.00000E+00   0.00000E+00   -4814.3
   0.00000E+00   0.00000E+00   0.00000E+00
       702        0        0   0.00000E+00   0.00000E+00   -5135.8
   0.00000E+00   0.00000E+00   0.00000E+00
       703        0        0   0.00000E+00   0.00000E+00   -5504.7
   0.00000E+00   0.00000E+00   0.00000E+00
       704        0        0   0.00000E+00   0.00000E+00   -4806.0
   0.00000E+00   0.00000E+00   0.00000E+00
       705        0        0   0.00000E+00   0.00000E+00   -5451.1
   0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -3456.7
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -676.99
   0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -8287.5
   0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -10211.
   0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -12655.
   0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00   -15229.
   0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -12757.
   0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -11267.
   0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -10306.
   0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -11237.
   0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -10584.
   0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -10728.
   0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -22906.
   0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -9962.9
   0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -11559.
   0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -10056.
   0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -11047.
   0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -10092.
   0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -9512.6
   0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -9392.8
   0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -9975.0
   0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -10507.
   0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -11754.
   0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -9440.7
   0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -10271.
   0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -10585.
   0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -9434.9
   0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10769.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
854       0       0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10510. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8846.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9987.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -78301. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.13237E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24389. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8855.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10415. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10136. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8631.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8480.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8424.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8828.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9333.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10298. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9207.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9288.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 558

CDM_TRsx - Fz (My) @ 16 (-X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -890.33 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2006.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1927.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
482        0        0   0.00000E+00   0.00000E+00   -1780.7
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -2084.9
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -1848.3
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -2377.9
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -2870.1
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -2336.6
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -2062.6
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -1780.7
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -1949.5
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -1983.7
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -1780.7
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -2456.8
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -2870.1
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -2494.2
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -1826.0
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1814.2
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2119.1
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1780.7
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1893.0
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2449.6
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2870.1
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2434.5
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1780.7
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2670.4
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2588.0
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2467.1
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2939.9
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3162.6
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3963.2
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3289.8
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2977.6
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2704.3
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2831.6
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2850.3
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -12722.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -14901.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2631.4
```

```
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -3002.0
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2523.4
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2992.6
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2689.3
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2628.0
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -988.98
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -689.56
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -716.04
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.17
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -833.62
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -753.12
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -743.58
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -171.60
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -272.55
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -614.09
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -589.96
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -545.10
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -638.23
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -565.82
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -727.94
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.60
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -715.27
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -631.39
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -545.10
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -596.80
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -607.26
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -545.10
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -752.08
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -878.60
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -763.55
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -558.98
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -555.36
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -648.69
0.00000E+00   0.00000E+00   0.00000E+00
```

```
556        0        0   0.00000E+00   0.00000E+00   -545.10
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -579.50
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -749.87
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -878.60
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -745.24
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -545.10
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4549.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5040.5
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4888.7
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5779.8
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6211.5
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7796.2
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6417.1
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5990.6
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5177.5
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5729.7
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5438.3
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -41315.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -48098.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5412.2
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -5678.7
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4950.2
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -6130.2
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5037.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5637.0
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4608.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4363.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4531.3
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4772.6
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5275.3
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4765.9
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4705.6
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1085.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -3935.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4722.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5537.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6396.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7163.8
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7339.0
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6669.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6001.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6390.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6279.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -51650.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -93470.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49348.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6460.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5646.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6901.3
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5769.3
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6389.0
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5886.3
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5529.2
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5799.5
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6099.6
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6797.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5478.8
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6041.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6072.0
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2431.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -21.624
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1006.3
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4806.3
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5104.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6664.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       682        0        0   0.00000E+00   0.00000E+00   -6663.1
   0.00000E+00   0.00000E+00   0.00000E+00
       683        0        0   0.00000E+00   0.00000E+00   -5359.6
   0.00000E+00   0.00000E+00   0.00000E+00
       684        0        0   0.00000E+00   0.00000E+00   -5766.0
   0.00000E+00   0.00000E+00   0.00000E+00
       685        0        0   0.00000E+00   0.00000E+00   -5153.0
   0.00000E+00   0.00000E+00   0.00000E+00
       686        0        0   0.00000E+00   0.00000E+00   -5972.5
   0.00000E+00   0.00000E+00   0.00000E+00
       687        0        0   0.00000E+00   0.00000E+00   -5320.4
   0.00000E+00   0.00000E+00   0.00000E+00
       688        0        0   0.00000E+00   0.00000E+00   -74172.
   0.00000E+00   0.00000E+00   0.00000E+00
       689        0        0   0.00000E+00   0.00000E+00   -93277.
   0.00000E+00   0.00000E+00   0.00000E+00
       690        0        0   0.00000E+00   0.00000E+00   -5877.2
   0.00000E+00   0.00000E+00   0.00000E+00
       691        0        0   0.00000E+00   0.00000E+00   -5060.5
   0.00000E+00   0.00000E+00   0.00000E+00
       692        0        0   0.00000E+00   0.00000E+00   -5723.6
   0.00000E+00   0.00000E+00   0.00000E+00
       693        0        0   0.00000E+00   0.00000E+00   -5402.0
   0.00000E+00   0.00000E+00   0.00000E+00
       694        0        0   0.00000E+00   0.00000E+00   -5275.2
   0.00000E+00   0.00000E+00   0.00000E+00
       695        0        0   0.00000E+00   0.00000E+00   -5486.9
   0.00000E+00   0.00000E+00   0.00000E+00
       696        0        0   0.00000E+00   0.00000E+00   -4806.0
   0.00000E+00   0.00000E+00   0.00000E+00
       697        0        0   0.00000E+00   0.00000E+00   -4691.7
   0.00000E+00   0.00000E+00   0.00000E+00
       698        0        0   0.00000E+00   0.00000E+00   -5107.5
   0.00000E+00   0.00000E+00   0.00000E+00
       699        0        0   0.00000E+00   0.00000E+00   -5343.8
   0.00000E+00   0.00000E+00   0.00000E+00
       700        0        0   0.00000E+00   0.00000E+00   -6129.6
   0.00000E+00   0.00000E+00   0.00000E+00
       701        0        0   0.00000E+00   0.00000E+00   -4814.3
   0.00000E+00   0.00000E+00   0.00000E+00
       702        0        0   0.00000E+00   0.00000E+00   -5135.8
   0.00000E+00   0.00000E+00   0.00000E+00
       703        0        0   0.00000E+00   0.00000E+00   -5504.7
   0.00000E+00   0.00000E+00   0.00000E+00
       704        0        0   0.00000E+00   0.00000E+00   -4806.0
   0.00000E+00   0.00000E+00   0.00000E+00
       705        0        0   0.00000E+00   0.00000E+00   -5451.1
   0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -3456.7
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -676.99
   0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -8287.5
   0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -10211.
   0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -12655.
   0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00   -15229.
   0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -12757.
   0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -11267.
   0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -10306.
   0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -11237.
   0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -10584.
   0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -10728.
   0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
```

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0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -10510.
0.00000E+00   0.00000E+00   0.00000E+00
       857        0        0   0.00000E+00   0.00000E+00   -8846.5
0.00000E+00   0.00000E+00   0.00000E+00
       858        0        0   0.00000E+00   0.00000E+00   -9987.3
0.00000E+00   0.00000E+00   0.00000E+00
       859        0        0   0.00000E+00   0.00000E+00   -78301.
0.00000E+00   0.00000E+00   0.00000E+00
       860        0        0   0.00000E+00   0.00000E+00  -0.13237E+06
0.00000E+00   0.00000E+00   0.00000E+00
       861        0        0   0.00000E+00   0.00000E+00   -24389.
0.00000E+00   0.00000E+00   0.00000E+00
       862        0        0   0.00000E+00   0.00000E+00   -8855.5
0.00000E+00   0.00000E+00   0.00000E+00
       863        0        0   0.00000E+00   0.00000E+00   -10415.
0.00000E+00   0.00000E+00   0.00000E+00
       864        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
       865        0        0   0.00000E+00   0.00000E+00   -10136.
0.00000E+00   0.00000E+00   0.00000E+00
       866        0        0   0.00000E+00   0.00000E+00   -8631.7
0.00000E+00   0.00000E+00   0.00000E+00
       867        0        0   0.00000E+00   0.00000E+00   -8480.1
0.00000E+00   0.00000E+00   0.00000E+00
       868        0        0   0.00000E+00   0.00000E+00   -8424.6
0.00000E+00   0.00000E+00   0.00000E+00
       869        0        0   0.00000E+00   0.00000E+00   -8828.6
0.00000E+00   0.00000E+00   0.00000E+00
       870        0        0   0.00000E+00   0.00000E+00   -9333.7
0.00000E+00   0.00000E+00   0.00000E+00
       871        0        0   0.00000E+00   0.00000E+00   -10298.
0.00000E+00   0.00000E+00   0.00000E+00
       872        0        0   0.00000E+00   0.00000E+00   -8374.1
0.00000E+00   0.00000E+00   0.00000E+00
       873        0        0   0.00000E+00   0.00000E+00   -9207.4
0.00000E+00   0.00000E+00   0.00000E+00
       874        0        0   0.00000E+00   0.00000E+00   -9288.2
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 559

CDM_TRsx - Fz (My) @ 16 (+X) - Positive - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -893.07 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1993.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1945.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1786.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2042.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1897.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2360.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2280.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2138.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1800.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1820.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2118.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1786.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2409.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2362.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2022.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1786.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1965.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1973.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1786.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2457.5 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2870.7
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2459.5
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1876.9
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2405.8
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2816.2
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2514.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2602.5
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3386.6
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3963.9
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3442.7
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2691.4
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2917.5
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2737.1
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2820.6
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -12871.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -14672.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2925.1
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2608.4
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2890.9
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2765.1
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2792.6
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2161.0
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -714.98
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -689.56
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -716.04
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.17
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -833.62
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -753.12
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -743.58
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -171.60
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -273.39
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -610.34
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -595.53
0.00000E+00   0.00000E+00   0.00000E+00
```

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539        0        0   0.00000E+00   0.00000E+00   -546.78
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -625.15
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -580.72
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -722.66
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.79
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -697.97
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -654.77
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -551.10
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -557.27
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -648.60
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -546.78
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -737.47
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -878.79
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -723.28
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -618.98
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -546.78
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -601.70
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -604.17
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -546.78
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -752.28
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -878.79
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -752.90
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -574.55
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4468.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5110.4
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4903.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5676.5
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6280.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7796.4
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6463.9
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5903.0
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5242.7
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5700.8
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5429.2
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -41360.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -48028.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5502.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -5558.3
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -5062.7
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -6060.6
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5069.4
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5494.1
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4524.6
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4363.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4531.3
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4772.6
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5275.3
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4765.9
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4705.6
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1085.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -3935.5
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4722.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5537.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6396.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7163.8
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7339.0
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6669.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6001.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6390.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6279.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -51650.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -93470.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49348.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6460.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5646.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6901.3
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5769.3
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6389.0
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5886.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
639        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5529.2
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5799.5
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6099.6
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6797.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5478.8
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6041.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6072.0
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2431.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -21.624
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1006.3
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4806.3
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5104.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6664.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6663.1
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5359.6
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5766.0
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5153.0
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5972.5
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5320.4
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -74172.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -93277.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5877.2
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5060.5
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5723.6
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5402.0
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5275.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5486.9
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4691.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5107.5
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5343.8
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6129.6
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4814.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5135.8
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5504.7
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5451.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10510.
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -8846.5
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9987.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -78301. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.13237E+06 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24389. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8855.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10415. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10136. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8631.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8480.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8424.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8828.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9333.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10298. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9207.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9288.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 560

CDM_TRsx - Fz (My) @ 20 - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -888.94 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2012.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1918.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1777.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2106.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1824.1 | | |

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0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -2386.4
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -2869.7
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -2371.5
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -2010.5
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -1777.9
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -2013.6
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -1916.5
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -1777.9
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -2482.0
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -2899.4
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -2478.8
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -1777.9
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1921.2
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2008.9
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1777.9
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2015.2
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2368.4
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2869.7
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2384.9
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2000.4
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2778.2
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2521.5
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2675.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2684.2
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3262.8
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3962.8
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3344.7
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2929.7
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2668.4
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2953.8
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -3331.1
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -13971.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -9411.9
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -798.09
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -711.81
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -830.89
0.00000E+00   0.00000E+00   0.00000E+00
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521        0        0   0.00000E+00   0.00000E+00   -699.84
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -852.37
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -699.84
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -734.05
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -762.65
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -613.30
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -652.49
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -881.28
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -703.33
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -810.31
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -686.38
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -705.45
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -619.65
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -272.12
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -615.93
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -587.16
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -544.25
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -644.71
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -558.39
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -730.54
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.47
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -725.98
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -615.46
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -544.25
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -616.41
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -586.68
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -544.25
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -759.79
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -887.58
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -758.83
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -544.25
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -588.12
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -614.98
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -544.25
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -616.89
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -725.02
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -878.47
```

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0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -730.06
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1645.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4926.5
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5249.8
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5354.5
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4897.8
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6644.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7796.1
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6960.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5111.4
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5814.9
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5334.9
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -7902.5
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -50100.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -35793.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5050.5
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4504.5
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -5258.1
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -4428.8
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5394.0
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4428.8
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4645.2
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4826.2
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -3881.1
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4129.1
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -5577.0
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -4450.9
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -5127.9
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4343.6
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4464.3
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -3921.3
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -1089.8
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -4298.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4964.4
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5961.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5549.0
0.00000E+00   0.00000E+00   0.00000E+00
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623        0        0   0.00000E+00   0.00000E+00   -7587.6
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7894.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -5757.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6685.1
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -5935.0
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -9426.4
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -63325.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -78750.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49559.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -5961.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -6517.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -5847.1
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6738.1
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -5737.2
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6007.4
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -6021.6
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5044.8
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5395.9
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6906.9
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -5969.5
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -6326.4
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5617.8
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -5829.9
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5113.4
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1341.2
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5.9881
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -23.620
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1007.6
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4808.6
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5099.6
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6666.5
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6666.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5354.6
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5769.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
685       0       0   0.00000E+00   0.00000E+00   -5150.5
0.00000E+00   0.00000E+00   0.00000E+00
686       0       0   0.00000E+00   0.00000E+00   -5996.2
0.00000E+00   0.00000E+00   0.00000E+00
687       0       0   0.00000E+00   0.00000E+00   -5410.2
0.00000E+00   0.00000E+00   0.00000E+00
688       0       0   0.00000E+00   0.00000E+00   -74059.
0.00000E+00   0.00000E+00   0.00000E+00
689       0       0   0.00000E+00   0.00000E+00   -93278.
0.00000E+00   0.00000E+00   0.00000E+00
690       0       0   0.00000E+00   0.00000E+00   -5874.5
0.00000E+00   0.00000E+00   0.00000E+00
691       0       0   0.00000E+00   0.00000E+00   -5065.3
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -5717.8
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -5407.3
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -5271.7
0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -5487.5
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -4808.9
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -4689.1
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -5105.3
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -5348.2
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -6125.0
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -4819.0
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -5133.5
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -5503.3
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -4804.0
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -5445.1
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736       0       0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737       0       0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738       0       0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740       0       0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
741       0       0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742       0       0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       748        0        0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20016.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
854       0       0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
855       0       0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
856       0       0   0.00000E+00   0.00000E+00   -10510.
0.00000E+00   0.00000E+00   0.00000E+00
857       0       0   0.00000E+00   0.00000E+00   -8846.5
0.00000E+00   0.00000E+00   0.00000E+00
858       0       0   0.00000E+00   0.00000E+00   -9987.3
0.00000E+00   0.00000E+00   0.00000E+00
859       0       0   0.00000E+00   0.00000E+00   -78301.
0.00000E+00   0.00000E+00   0.00000E+00
860       0       0   0.00000E+00   0.00000E+00  -0.13237E+06
0.00000E+00   0.00000E+00   0.00000E+00
861       0       0   0.00000E+00   0.00000E+00   -24389.
0.00000E+00   0.00000E+00   0.00000E+00
862       0       0   0.00000E+00   0.00000E+00   -8855.5
0.00000E+00   0.00000E+00   0.00000E+00
863       0       0   0.00000E+00   0.00000E+00   -10415.
0.00000E+00   0.00000E+00   0.00000E+00
864       0       0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
865       0       0   0.00000E+00   0.00000E+00   -10136.
0.00000E+00   0.00000E+00   0.00000E+00
866       0       0   0.00000E+00   0.00000E+00   -8631.7
0.00000E+00   0.00000E+00   0.00000E+00
867       0       0   0.00000E+00   0.00000E+00   -8480.1
0.00000E+00   0.00000E+00   0.00000E+00
868       0       0   0.00000E+00   0.00000E+00   -8424.6
0.00000E+00   0.00000E+00   0.00000E+00
869       0       0   0.00000E+00   0.00000E+00   -8828.6
0.00000E+00   0.00000E+00   0.00000E+00
870       0       0   0.00000E+00   0.00000E+00   -9333.7
0.00000E+00   0.00000E+00   0.00000E+00
871       0       0   0.00000E+00   0.00000E+00   -10298.
0.00000E+00   0.00000E+00   0.00000E+00
872       0       0   0.00000E+00   0.00000E+00   -8374.1
0.00000E+00   0.00000E+00   0.00000E+00
873       0       0   0.00000E+00   0.00000E+00   -9207.4
0.00000E+00   0.00000E+00   0.00000E+00
874       0       0   0.00000E+00   0.00000E+00   -9288.2
0.00000E+00   0.00000E+00   0.00000E+00
875       0       0   0.00000E+00   0.00000E+00   -8374.1
0.00000E+00   0.00000E+00   0.00000E+00
876       0       0   0.00000E+00   0.00000E+00   -9571.1
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 561

CDM_TRsx - Fz (My) @ 22 (-X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
| MX | MY | MZ | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -979.31 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2091.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1843.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1791.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2143.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2279.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2349.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1932.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2002.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1782.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2002.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1932.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2349.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2279.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2143.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1791.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1843.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2091.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1782.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2420.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2411.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2021.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

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505        0        0   0.00000E+00   0.00000E+00   -2459.0
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2732.5
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2665.7
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2492.4
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3400.9
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3981.1
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3474.6
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2637.5
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2936.2
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2748.1
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2784.1
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -12937.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -14606.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2991.8
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2507.0
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1178.6
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -771.62
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -758.16
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -788.16
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -776.95
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -622.83
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -671.55
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -843.15
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -755.76
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -710.22
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -786.48
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -71.498
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -299.79
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -640.09
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -564.47
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -548.26
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -656.30
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -697.71
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.66
```

```
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -719.31
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -591.48
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -613.08
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -545.56
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -613.08
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -591.48
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -719.31
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -878.66
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -697.71
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -656.30
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -548.26
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -564.47
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -640.09
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -545.56
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -740.92
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -878.66
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -738.22
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1049.3
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4828.8
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4912.6
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5552.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5040.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6485.4
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7801.7
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6669.5
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5589.3
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5329.5
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5839.3
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5066.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -41948.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -47409.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -6155.8
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4942.7
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -5088.6
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -4883.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4797.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       580        0        0   0.00000E+00   0.00000E+00   -4987.7
0.00000E+00   0.00000E+00   0.00000E+00
       581        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
       582        0        0   0.00000E+00   0.00000E+00   -4916.7
0.00000E+00   0.00000E+00   0.00000E+00
       583        0        0   0.00000E+00   0.00000E+00   -3941.4
0.00000E+00   0.00000E+00   0.00000E+00
       584        0        0   0.00000E+00   0.00000E+00   -4249.8
0.00000E+00   0.00000E+00   0.00000E+00
       585        0        0   0.00000E+00   0.00000E+00   -5335.7
0.00000E+00   0.00000E+00   0.00000E+00
       586        0        0   0.00000E+00   0.00000E+00   -4782.7
0.00000E+00   0.00000E+00   0.00000E+00
       587        0        0   0.00000E+00   0.00000E+00   -4494.4
0.00000E+00   0.00000E+00   0.00000E+00
       588        0        0   0.00000E+00   0.00000E+00   -4977.0
0.00000E+00   0.00000E+00   0.00000E+00
       589        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
       590        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
       591        0        0   0.00000E+00   0.00000E+00   -452.46
0.00000E+00   0.00000E+00   0.00000E+00
       618        0        0   0.00000E+00   0.00000E+00   -454.10
0.00000E+00   0.00000E+00   0.00000E+00
       619        0        0   0.00000E+00   0.00000E+00   -4298.8
0.00000E+00   0.00000E+00   0.00000E+00
       620        0        0   0.00000E+00   0.00000E+00   -4540.6
0.00000E+00   0.00000E+00   0.00000E+00
       621        0        0   0.00000E+00   0.00000E+00   -6173.0
0.00000E+00   0.00000E+00   0.00000E+00
       622        0        0   0.00000E+00   0.00000E+00   -5760.9
0.00000E+00   0.00000E+00   0.00000E+00
       623        0        0   0.00000E+00   0.00000E+00   -7375.7
0.00000E+00   0.00000E+00   0.00000E+00
       624        0        0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
       625        0        0   0.00000E+00   0.00000E+00   -7545.6
0.00000E+00   0.00000E+00   0.00000E+00
       626        0        0   0.00000E+00   0.00000E+00   -6356.0
0.00000E+00   0.00000E+00   0.00000E+00
       627        0        0   0.00000E+00   0.00000E+00   -6086.7
0.00000E+00   0.00000E+00   0.00000E+00
       628        0        0   0.00000E+00   0.00000E+00   -6533.4
0.00000E+00   0.00000E+00   0.00000E+00
       629        0        0   0.00000E+00   0.00000E+00   -5909.4
0.00000E+00   0.00000E+00   0.00000E+00
       630        0        0   0.00000E+00   0.00000E+00   -52249.
0.00000E+00   0.00000E+00   0.00000E+00
       631        0        0   0.00000E+00   0.00000E+00   -92839.
0.00000E+00   0.00000E+00   0.00000E+00
       632        0        0   0.00000E+00   0.00000E+00   -50016.
0.00000E+00   0.00000E+00   0.00000E+00
       633        0        0   0.00000E+00   0.00000E+00   -5844.2
0.00000E+00   0.00000E+00   0.00000E+00
       634        0        0   0.00000E+00   0.00000E+00   -6226.6
0.00000E+00   0.00000E+00   0.00000E+00
       635        0        0   0.00000E+00   0.00000E+00   -6303.0
0.00000E+00   0.00000E+00   0.00000E+00
       636        0        0   0.00000E+00   0.00000E+00   -6139.7
0.00000E+00   0.00000E+00   0.00000E+00
       637        0        0   0.00000E+00   0.00000E+00   -6298.2
0.00000E+00   0.00000E+00   0.00000E+00
       638        0        0   0.00000E+00   0.00000E+00   -5644.1
0.00000E+00   0.00000E+00   0.00000E+00
       639        0        0   0.00000E+00   0.00000E+00   -6112.4
0.00000E+00   0.00000E+00   0.00000E+00
       640        0        0   0.00000E+00   0.00000E+00   -5105.4
0.00000E+00   0.00000E+00   0.00000E+00
       641        0        0   0.00000E+00   0.00000E+00   -5517.0
0.00000E+00   0.00000E+00   0.00000E+00
       642        0        0   0.00000E+00   0.00000E+00   -6664.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
643       0       0   0.00000E+00   0.00000E+00   -6302.6
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -5690.7
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -6253.6
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -5648.2
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -1795.3
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -2.4950
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -23.620
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1005.3
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -4809.8
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -5100.8
0.00000E+00   0.00000E+00   0.00000E+00
680       0       0   0.00000E+00   0.00000E+00   -6665.3
0.00000E+00   0.00000E+00   0.00000E+00
681       0       0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682       0       0   0.00000E+00   0.00000E+00   -6664.3
0.00000E+00   0.00000E+00   0.00000E+00
683       0       0   0.00000E+00   0.00000E+00   -5357.9
0.00000E+00   0.00000E+00   0.00000E+00
684       0       0   0.00000E+00   0.00000E+00   -5766.4
0.00000E+00   0.00000E+00   0.00000E+00
685       0       0   0.00000E+00   0.00000E+00   -5153.8
0.00000E+00   0.00000E+00   0.00000E+00
686       0       0   0.00000E+00   0.00000E+00   -5970.5
0.00000E+00   0.00000E+00   0.00000E+00
687       0       0   0.00000E+00   0.00000E+00   -5323.7
0.00000E+00   0.00000E+00   0.00000E+00
688       0       0   0.00000E+00   0.00000E+00   -74169.
0.00000E+00   0.00000E+00   0.00000E+00
689       0       0   0.00000E+00   0.00000E+00   -93281.
0.00000E+00   0.00000E+00   0.00000E+00
690       0       0   0.00000E+00   0.00000E+00   -5873.8
0.00000E+00   0.00000E+00   0.00000E+00
691       0       0   0.00000E+00   0.00000E+00   -5063.7
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -5720.3
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -5404.0
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -5274.7
0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -5485.5
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -4809.4
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -4689.4
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -5105.9
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -5346.9
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -6126.9
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -4815.5
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -5137.0
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -5502.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       704        0        0   0.00000E+00   0.00000E+00   -4806.0
   0.00000E+00   0.00000E+00   0.00000E+00
       705        0        0   0.00000E+00   0.00000E+00   -5447.6
   0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -3456.7
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -676.99
   0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -8287.5
   0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -10211.
   0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -12655.
   0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00   -15229.
   0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -12757.
   0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -11267.
   0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -10306.
   0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -11237.
   0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -10584.
   0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -10728.
   0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -22906.
   0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -9962.9
   0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -11559.
   0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -10056.
   0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -11047.
   0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -10092.
   0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -9512.6
   0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -9392.8
   0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -9975.0
   0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -10507.
   0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -11754.
   0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -9440.7
   0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -10271.
   0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -10585.
   0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -9434.9
   0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10769.
   0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -6766.2
   0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -15436.
   0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -20760.
   0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -24997.
   0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -30597.
```

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      0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25316.
      0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23484.
      0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19636.
      0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -23829.
      0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20056.
      0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -22643.
      0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -97941.
      0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
      0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -37931.
      0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -20077.
      0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23613.
      0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19636.
      0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22980.
      0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -19569.
      0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -19226.
      0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -19100.
      0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -20016.
      0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -21161.
      0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23348.
      0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18985.
      0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20875.
      0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21058.
      0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18985.
      0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21699.
      0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13558.
      0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -6808.3
      0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -9156.9
      0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -11026.
      0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13495.
      0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11166.
      0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10358.
      0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8661.1
      0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10510.
      0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -8846.5
      0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9987.3
      0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -78301.
      0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.13237E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24389. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8855.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10415. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10136. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8631.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8480.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8424.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8828.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9333.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10298. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9207.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9288.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 562

CDM_TRsx - Fz (My) @ 22 (+X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -449.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1785.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1921.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2016.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1785.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2443.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2440.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
488        0        0   0.00000E+00   0.00000E+00   -1906.4
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -1785.0
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -2086.5
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -1851.4
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -1785.0
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -2509.5
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -2878.2
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -2488.1
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -1785.0
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1883.5
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2054.5
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1785.0
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1938.4
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2418.6
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2870.6
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2433.2
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1856.5
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2725.2
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2566.4
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2571.5
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2813.6
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3212.8
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3963.7
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3348.8
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2864.2
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2788.6
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2772.2
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2880.6
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -12749.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -14852.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2758.7
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1215.2
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -785.08
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -771.62
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -758.16
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -788.16
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -676.85
```

```
0.00000E+00   0.00000E+00   0.00000E+00
525       0       0   0.00000E+00   0.00000E+00   -776.95
0.00000E+00   0.00000E+00   0.00000E+00
526       0       0   0.00000E+00   0.00000E+00   -622.83
0.00000E+00   0.00000E+00   0.00000E+00
527       0       0   0.00000E+00   0.00000E+00   -671.55
0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -843.15
0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -755.76
0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -710.22
0.00000E+00   0.00000E+00   0.00000E+00
531       0       0   0.00000E+00   0.00000E+00   -786.48
0.00000E+00   0.00000E+00   0.00000E+00
532       0       0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -71.498
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -137.66
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -546.42
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -588.25
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -617.23
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -546.42
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -748.11
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -878.76
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -746.95
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -583.58
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -546.42
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -638.74
0.00000E+00   0.00000E+00   0.00000E+00
548       0       0   0.00000E+00   0.00000E+00   -566.75
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -546.42
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -768.21
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -881.10
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -761.67
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -546.42
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -576.57
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -628.92
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -546.42
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -593.40
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -740.40
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -878.76
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -744.84
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -998.88
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -4910.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
563        0        0   0.00000E+00   0.00000E+00   -4861.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5523.5
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5138.3
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6427.8
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7796.4
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6631.0
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5658.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5284.3
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5846.6
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5096.4
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -41890.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -47484.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -6084.4
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4547.3
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4968.2
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -4883.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4797.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4987.7
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4916.7
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -3941.4
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4249.8
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -5335.7
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -4782.7
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4494.4
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4977.0
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -452.46
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -454.10
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -4298.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4540.6
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6173.0
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5760.9
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7375.7
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7545.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6356.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6086.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6533.4
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -5909.4
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -52249.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -92839.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -50016.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -5844.2
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -6226.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6303.0
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6139.7
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6298.2
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5644.1
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -6112.4
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5105.4
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5517.0
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6664.7
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6302.6
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5690.7
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6253.6
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -5648.2
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1795.3
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2.4950
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -23.620
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1005.3
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4809.8
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5100.8
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6665.3
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6664.3
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5357.9
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5766.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5153.8
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5970.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
687        0        0   0.00000E+00   0.00000E+00   -5323.7
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -74169.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -93281.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5873.8
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5063.7
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5720.3
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5404.0
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5274.7
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5485.5
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4809.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4689.4
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5105.9
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5346.9
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6126.9
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4815.5
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5137.0
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5502.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5447.6
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -2009.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -463.74
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -9962.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -6217.0
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -1434.7
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -2742.2
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -632.81
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10510.
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -8846.5
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9987.3
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -78301.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00  -0.13237E+06
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -24389.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -8855.5
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -10415.
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -10136.
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -8631.7
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -8480.1
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -8424.6
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -8828.6
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -9333.7
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -10298.
0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -8374.1
0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -9207.4
```

0.00000E+00 0.00000E+00 0.00000E+00
874 0 0 0.00000E+00 0.00000E+00 -9288.2
0.00000E+00 0.00000E+00 0.00000E+00
875 0 0 0.00000E+00 0.00000E+00 -8374.1
0.00000E+00 0.00000E+00 0.00000E+00
876 0 0 0.00000E+00 0.00000E+00 -9571.1
0.00000E+00 0.00000E+00 0.00000E+00
877 0 0 0.00000E+00 0.00000E+00 -5980.0
0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 268
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 563

CDM_TRsx - Fz (My) @ 28 - Positive - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -624.55 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1769.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2149.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2279.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2868.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2315.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2039.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1881.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1794.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2126.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1769.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2413.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2868.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2475.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1854.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1820.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2100.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1769.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1956.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2407.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2868.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2379.3 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2220.1
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2870.9
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2471.2
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2667.7
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2751.9
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3218.4
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3961.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3165.9
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1085.9
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -743.60
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -781.97
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1429.9
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -13349.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -9469.3
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -721.09
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -833.57
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -697.03
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -818.08
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -750.37
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -740.50
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -775.69
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -678.58
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -655.80
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -704.96
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -776.89
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -820.05
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -718.14
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -678.58
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -809.26
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -417.22
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -191.19
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -541.80
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -657.90
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -697.76
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -877.97
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -708.73
0.00000E+00   0.00000E+00   0.00000E+00
```

```
545        0        0   0.00000E+00   0.00000E+00   -624.40
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -575.88
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -549.31
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -650.97
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -541.80
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -738.77
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -877.97
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -757.83
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -567.79
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -557.40
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -642.88
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -541.80
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -598.98
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -737.03
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -877.97
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -728.37
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2925.0
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5680.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4980.2
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4939.2
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5744.8
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6219.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7797.3
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6425.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5299.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4705.7
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -4948.5
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -7274.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -49714.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -36157.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -4563.2
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -5275.0
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4411.0
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5177.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4748.5
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4686.1
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4908.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4294.2
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4150.1
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4461.1
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4916.4
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5189.5
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4544.6
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4294.2
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -5121.2
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -2640.3
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -387.64
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -89.456
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2368.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5063.6
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4696.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5525.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6420.4
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7154.4
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8851.1
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7388.1
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6551.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6136.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6228.7
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -9378.3
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -63119.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -79115.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49070.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6734.9
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5667.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6598.0
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6090.2
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -5995.4
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6271.8
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5487.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5314.8
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5729.1
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6243.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
643        0        0   0.00000E+00   0.00000E+00   -6710.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5741.0
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5568.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6489.2
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -3827.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1341.2
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1573.8
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -363.19
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -13.011
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -27.822
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1006.1
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5104.4
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6664.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6663.4
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5358.9
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5766.7
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5152.1
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5996.0
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5409.1
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -74061.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -93276.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5878.7
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5060.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5721.9
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5403.7
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5273.1
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5489.0
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4690.6
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5107.1
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5344.5
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6129.1
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4815.8
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5133.2
```

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0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -5506.9
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -4796.9
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -5445.1
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -4177.0
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -2105.4
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736       0       0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737       0       0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738       0       0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740       0       0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
741       0       0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742       0       0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
748       0       0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
749       0       0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
751       0       0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
752       0       0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
753       0       0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
756       0       0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
757       0       0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
758       0       0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
759       0       0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
760       0       0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
761       0       0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       764        0        0   0.00000E+00   0.00000E+00   -9564.6
0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -5738.8
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -4218.8
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -2531.2
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -13495.
```

0.00000E+00 0.00000E+00 0.00000E+00
853 0 0 0.00000E+00 0.00000E+00 -11166.
0.00000E+00 0.00000E+00 0.00000E+00
854 0 0 0.00000E+00 0.00000E+00 -10358.
0.00000E+00 0.00000E+00 0.00000E+00
855 0 0 0.00000E+00 0.00000E+00 -8661.1
0.00000E+00 0.00000E+00 0.00000E+00
856 0 0 0.00000E+00 0.00000E+00 -10510.
0.00000E+00 0.00000E+00 0.00000E+00
857 0 0 0.00000E+00 0.00000E+00 -8846.5
0.00000E+00 0.00000E+00 0.00000E+00
858 0 0 0.00000E+00 0.00000E+00 -9987.3
0.00000E+00 0.00000E+00 0.00000E+00
859 0 0 0.00000E+00 0.00000E+00 -78301.
0.00000E+00 0.00000E+00 0.00000E+00
860 0 0 0.00000E+00 0.00000E+00 -0.13237E+06
0.00000E+00 0.00000E+00 0.00000E+00
861 0 0 0.00000E+00 0.00000E+00 -24389.
0.00000E+00 0.00000E+00 0.00000E+00
862 0 0 0.00000E+00 0.00000E+00 -8855.5
0.00000E+00 0.00000E+00 0.00000E+00
863 0 0 0.00000E+00 0.00000E+00 -10415.
0.00000E+00 0.00000E+00 0.00000E+00
864 0 0 0.00000E+00 0.00000E+00 -8661.1
0.00000E+00 0.00000E+00 0.00000E+00
865 0 0 0.00000E+00 0.00000E+00 -10136.
0.00000E+00 0.00000E+00 0.00000E+00
866 0 0 0.00000E+00 0.00000E+00 -8631.7
0.00000E+00 0.00000E+00 0.00000E+00
867 0 0 0.00000E+00 0.00000E+00 -8480.1
0.00000E+00 0.00000E+00 0.00000E+00
868 0 0 0.00000E+00 0.00000E+00 -8424.6
0.00000E+00 0.00000E+00 0.00000E+00
869 0 0 0.00000E+00 0.00000E+00 -8828.6
0.00000E+00 0.00000E+00 0.00000E+00
870 0 0 0.00000E+00 0.00000E+00 -9333.7
0.00000E+00 0.00000E+00 0.00000E+00
871 0 0 0.00000E+00 0.00000E+00 -10298.
0.00000E+00 0.00000E+00 0.00000E+00
872 0 0 0.00000E+00 0.00000E+00 -8374.1
0.00000E+00 0.00000E+00 0.00000E+00
873 0 0 0.00000E+00 0.00000E+00 -9207.4
0.00000E+00 0.00000E+00 0.00000E+00
874 0 0 0.00000E+00 0.00000E+00 -9288.2
0.00000E+00 0.00000E+00 0.00000E+00
875 0 0 0.00000E+00 0.00000E+00 -8374.1
0.00000E+00 0.00000E+00 0.00000E+00
876 0 0 0.00000E+00 0.00000E+00 -9571.1
0.00000E+00 0.00000E+00 0.00000E+00
877 0 0 0.00000E+00 0.00000E+00 -5980.0
0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 266
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 564

CDM_TRsx - Fz (My) @ 34 (-X) - Positive - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -108.97 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -852.20
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -2521.4
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -3173.6
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -2906.2
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -2464.0
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -2681.1
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -2712.4
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -2519.5
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -3355.1
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -3849.1
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -2625.2
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -1766.0
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1966.8
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1949.5
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1766.0
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2122.2
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2297.1
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2867.1
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2312.2
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2421.7
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2664.7
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2521.3
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2780.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2580.1
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3293.7
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3960.5
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3064.0
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -843.13
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -743.60
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -781.97
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1429.9
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -13349.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -9469.3
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -721.09
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -833.57
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -697.03
0.00000E+00   0.00000E+00   0.00000E+00
```

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521        0        0   0.00000E+00   0.00000E+00   -818.08
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -750.37
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -740.50
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -775.69
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -678.58
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -655.80
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -704.96
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -776.89
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -820.05
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -718.14
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -678.58
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -809.26
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -417.22
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -689.59
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5392.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -7322.9
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -6288.6
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -5662.7
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4736.5
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -5616.3
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4930.4
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -5308.8
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6501.3
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6910.5
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -1622.5
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -540.61
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -602.08
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -596.79
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -540.61
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -649.66
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -703.19
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -877.67
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -707.82
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2986.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5617.0
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4995.5
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4973.9
```

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0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -5692.2
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -6242.7
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -7797.0
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -6394.5
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -5225.4
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -4705.7
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -4948.5
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -7274.8
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -49714.
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -36157.
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -4563.2
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -5275.0
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -4411.0
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -5177.0
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -4748.5
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -4686.1
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -4908.8
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -4294.2
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -4150.1
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -4461.1
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -4916.4
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -5189.5
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -4544.6
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -4294.2
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -5121.2
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -2640.3
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -583.55
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -1365.4
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -1229.4
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -1240.8
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -1354.1
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -1859.2
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -7049.8
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -8846.6
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00   -7222.3
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -6201.0
0.00000E+00   0.00000E+00   0.00000E+00
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603        0        0   0.00000E+00   0.00000E+00   -4500.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5057.5
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -4324.0
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -4785.4
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -5773.3
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -6045.4
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -863.63
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2368.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5063.6
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4696.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5525.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6420.4
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7154.4
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8851.1
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7388.1
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6551.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6136.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6228.7
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -9378.3
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -63119.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -79115.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49070.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6734.9
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5667.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6598.0
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6090.2
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -5995.4
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6271.8
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5487.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5314.8
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5729.1
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6243.9
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6710.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5741.0
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5568.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6489.2
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -3827.7
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0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2369.2
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5543.5
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -4991.5
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -5037.5
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5497.5
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4742.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6677.4
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7904.7
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6586.4
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -4766.1
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1242.2
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -27.789
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -23.758
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -26.294
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -31.721
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -33.216
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666        0        0   0.00000E+00   0.00000E+00   -4.7452
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675        0        0   0.00000E+00   0.00000E+00   -13.011
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676        0        0   0.00000E+00   0.00000E+00   -27.822
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677        0        0   0.00000E+00   0.00000E+00   -1006.1
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5104.4
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6664.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6663.4
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5358.9
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5766.7
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5152.1
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686        0        0   0.00000E+00   0.00000E+00   -5996.0
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5409.1
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -74061.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -93276.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5878.7
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5060.6
0.00000E+00   0.00000E+00   0.00000E+00
```

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692        0        0   0.00000E+00   0.00000E+00   -5721.9
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693        0        0   0.00000E+00   0.00000E+00   -5403.7
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5273.1
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5489.0
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4690.6
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5107.1
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5344.5
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6129.1
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4815.8
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5133.2
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5506.9
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4796.9
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5445.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4583.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -11113.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -9396.8
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710        0        0   0.00000E+00   0.00000E+00   -10653.
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711        0        0   0.00000E+00   0.00000E+00   -9857.1
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712        0        0   0.00000E+00   0.00000E+00   -10335.
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713        0        0   0.00000E+00   0.00000E+00   -12598.
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714        0        0   0.00000E+00   0.00000E+00   -15220.
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715        0        0   0.00000E+00   0.00000E+00   -12980.
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716        0        0   0.00000E+00   0.00000E+00   -7274.6
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717        0        0   0.00000E+00   0.00000E+00   -840.77
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734        0        0   0.00000E+00   0.00000E+00   -676.99
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735        0        0   0.00000E+00   0.00000E+00   -8287.5
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736        0        0   0.00000E+00   0.00000E+00   -10211.
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737        0        0   0.00000E+00   0.00000E+00   -12655.
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738        0        0   0.00000E+00   0.00000E+00   -15229.
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739        0        0   0.00000E+00   0.00000E+00   -12757.
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740        0        0   0.00000E+00   0.00000E+00   -11267.
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741        0        0   0.00000E+00   0.00000E+00   -10306.
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742        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10728.
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0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00  -0.13904E+06
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746       0       0   0.00000E+00   0.00000E+00  -0.20378E+06
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747       0       0   0.00000E+00   0.00000E+00   -22906.
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748       0       0   0.00000E+00   0.00000E+00   -9962.9
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749       0       0   0.00000E+00   0.00000E+00   -11559.
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751       0       0   0.00000E+00   0.00000E+00   -11047.
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752       0       0   0.00000E+00   0.00000E+00   -10092.
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753       0       0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -9975.0
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756       0       0   0.00000E+00   0.00000E+00   -10507.
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757       0       0   0.00000E+00   0.00000E+00   -11754.
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758       0       0   0.00000E+00   0.00000E+00   -9440.7
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759       0       0   0.00000E+00   0.00000E+00   -10271.
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760       0       0   0.00000E+00   0.00000E+00   -10585.
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761       0       0   0.00000E+00   0.00000E+00   -9434.9
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762       0       0   0.00000E+00   0.00000E+00   -10769.
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763       0       0   0.00000E+00   0.00000E+00   -6766.2
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764       0       0   0.00000E+00   0.00000E+00   -9124.7
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765       0       0   0.00000E+00   0.00000E+00   -22553.
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766       0       0   0.00000E+00   0.00000E+00   -18422.
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767       0       0   0.00000E+00   0.00000E+00   -22209.
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768       0       0   0.00000E+00   0.00000E+00   -18766.
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769       0       0   0.00000E+00   0.00000E+00   -21865.
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770       0       0   0.00000E+00   0.00000E+00   -24792.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -30301.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -26169.
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -12396.
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -4024.7
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -9947.8
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -8125.3
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -9795.9
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -8277.2
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -9644.1
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -10935.
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -13365.
0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -11543.
0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -5467.5
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -11166.
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10358. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10510. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8846.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9987.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -78301. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.13237E+06 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24389. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8855.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10415. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10136. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8631.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8480.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8424.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8828.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9333.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10298. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9207.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9288.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 317
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 565

CDM_TRsx - Fz (My) @ 34 (+X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -172.21 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -665.86 | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -929.91
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1646.6
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -3138.7
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -2627.6
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -2574.9
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -2788.7
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -2549.3
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -2626.1
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -3345.6
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -3956.5
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -3329.5
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -2266.4
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -2079.7
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1764.4
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1998.0
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1916.4
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2356.3
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2866.6
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2394.9
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2147.1
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2439.5
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2852.0
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2557.0
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2555.2
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3400.0
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3788.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1491.9
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -697.80
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -859.44
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -703.38
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -830.45
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -12667.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -758.38
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -763.74
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -774.79
0.00000E+00   0.00000E+00   0.00000E+00
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521        0        0   0.00000E+00   0.00000E+00   -743.51
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -819.31
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -688.40
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -804.19
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -690.49
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -637.59
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -689.04
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -807.48
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -790.11
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -740.23
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -675.09
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -801.82
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -421.64
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1089.8
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4213.8
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5884.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -7224.1
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -6505.6
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4814.3
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -5669.3
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4905.1
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -5301.9
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -5214.8
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6421.4
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7774.5
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -6716.1
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -3293.3
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -636.63
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -540.13
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -611.64
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -586.64
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -721.33
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -877.54
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -733.13
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1691.5
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4812.3
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5387.9
```

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0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5269.1
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4847.7
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6711.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7830.9
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6245.5
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -4415.9
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5438.7
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -4451.1
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5255.3
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -40480.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -47524.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -4799.2
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4833.1
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4903.0
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -4705.1
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5184.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4356.4
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -5089.1
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4369.6
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4034.8
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4360.4
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -5109.9
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5000.0
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4684.4
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4272.1
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -5074.1
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -2668.2
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -582.83
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1367.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1225.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -1248.9
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2437.8
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5394.7
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7559.3
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -9014.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7453.4
0.00000E+00   0.00000E+00   0.00000E+00
```

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602        0        0   0.00000E+00   0.00000E+00   -5394.7
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -6563.2
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5450.3
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5934.2
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -4782.7
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -5692.1
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -6922.0
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -6008.1
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2741.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -1090.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -4287.6
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -5003.3
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5909.3
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5537.9
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7614.0
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8942.4
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7738.5
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -5744.7
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6872.4
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -5729.5
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6738.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -51401.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -93586.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49307.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6291.4
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -6161.3
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6124.4
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6528.1
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -5664.5
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6452.8
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5563.3
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5199.1
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5628.1
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6438.1
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6520.7
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5881.3
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5546.1
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0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6441.9
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -3855.8
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1341.2
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2366.3
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5553.5
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -4974.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -5070.6
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5462.9
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4755.8
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6745.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7862.2
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6551.5
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -4755.8
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -5775.0
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4804.3
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4758.8
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -556.77
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664        0        0   0.00000E+00   0.00000E+00   -31.275
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665        0        0   0.00000E+00   0.00000E+00   -38.033
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666        0        0   0.00000E+00   0.00000E+00   -33.012
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -15.064
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5.9929
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676        0        0   0.00000E+00   0.00000E+00   -23.558
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677        0        0   0.00000E+00   0.00000E+00   -1007.8
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4808.3
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5099.5
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6666.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.9
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6665.3
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5354.5
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5770.8
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5149.4
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5975.1
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5319.0
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -74173.
0.00000E+00   0.00000E+00   0.00000E+00
```

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689        0        0   0.00000E+00   0.00000E+00   -93277.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5876.3
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5063.3
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5719.3
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5406.1
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5271.3
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5490.0
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4806.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4689.9
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5106.6
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5345.6
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6128.1
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4816.6
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5133.1
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5506.7
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704        0        0   0.00000E+00   0.00000E+00   -4797.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5445.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3456.7
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707        0        0   0.00000E+00   0.00000E+00   -4649.1
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708        0        0   0.00000E+00   0.00000E+00   -10935.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -9756.7
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710        0        0   0.00000E+00   0.00000E+00   -10018.
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711        0        0   0.00000E+00   0.00000E+00   -10674.
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712        0        0   0.00000E+00   0.00000E+00   -9298.2
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713        0        0   0.00000E+00   0.00000E+00   -13292.
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714        0        0   0.00000E+00   0.00000E+00   -15323.
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715        0        0   0.00000E+00   0.00000E+00   -12769.
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716        0        0   0.00000E+00   0.00000E+00   -9395.5
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717        0        0   0.00000E+00   0.00000E+00   -11263.
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718        0        0   0.00000E+00   0.00000E+00   -9331.5
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719        0        0   0.00000E+00   0.00000E+00   -5113.1
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720        0        0   0.00000E+00   0.00000E+00   -366.35
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734        0        0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15229.
```

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0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -12757.
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740       0       0   0.00000E+00   0.00000E+00   -11267.
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741       0       0   0.00000E+00   0.00000E+00   -10306.
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742       0       0   0.00000E+00   0.00000E+00   -11237.
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743       0       0   0.00000E+00   0.00000E+00   -10584.
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744       0       0   0.00000E+00   0.00000E+00   -10728.
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745       0       0   0.00000E+00   0.00000E+00  -0.13904E+06
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746       0       0   0.00000E+00   0.00000E+00  -0.20378E+06
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747       0       0   0.00000E+00   0.00000E+00   -22906.
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748       0       0   0.00000E+00   0.00000E+00   -9962.9
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749       0       0   0.00000E+00   0.00000E+00   -11559.
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751       0       0   0.00000E+00   0.00000E+00   -11047.
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752       0       0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
753       0       0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -9975.0
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756       0       0   0.00000E+00   0.00000E+00   -10507.
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757       0       0   0.00000E+00   0.00000E+00   -11754.
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758       0       0   0.00000E+00   0.00000E+00   -9440.7
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759       0       0   0.00000E+00   0.00000E+00   -10271.
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760       0       0   0.00000E+00   0.00000E+00   -10585.
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761       0       0   0.00000E+00   0.00000E+00   -9434.9
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762       0       0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
764       0       0   0.00000E+00   0.00000E+00   -9334.4
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -21981.
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766       0       0   0.00000E+00   0.00000E+00   -19572.
0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -20174.
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -21379.
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -18669.
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -26799.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -30713.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -25594.
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -18970.
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -22583.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       775        0        0   0.00000E+00   0.00000E+00   -18669.
0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -5721.1
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -4117.2
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -9695.3
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -8632.8
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -8898.4
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -9429.7
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -8234.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -11820.
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -13547.
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -11289.
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -8367.2
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -9960.9
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -8234.4
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -2523.4
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
854       0       0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
855       0       0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
856       0       0   0.00000E+00   0.00000E+00   -10510.
0.00000E+00   0.00000E+00   0.00000E+00
857       0       0   0.00000E+00   0.00000E+00   -8846.5
0.00000E+00   0.00000E+00   0.00000E+00
858       0       0   0.00000E+00   0.00000E+00   -9987.3
0.00000E+00   0.00000E+00   0.00000E+00
859       0       0   0.00000E+00   0.00000E+00   -78301.
0.00000E+00   0.00000E+00   0.00000E+00
860       0       0   0.00000E+00   0.00000E+00  -0.13237E+06
0.00000E+00   0.00000E+00   0.00000E+00
861       0       0   0.00000E+00   0.00000E+00   -24389.
0.00000E+00   0.00000E+00   0.00000E+00
862       0       0   0.00000E+00   0.00000E+00   -8855.5
0.00000E+00   0.00000E+00   0.00000E+00
863       0       0   0.00000E+00   0.00000E+00   -10415.
0.00000E+00   0.00000E+00   0.00000E+00
864       0       0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
865       0       0   0.00000E+00   0.00000E+00   -10136.
0.00000E+00   0.00000E+00   0.00000E+00
866       0       0   0.00000E+00   0.00000E+00   -8631.7
0.00000E+00   0.00000E+00   0.00000E+00
867       0       0   0.00000E+00   0.00000E+00   -8480.1
0.00000E+00   0.00000E+00   0.00000E+00
868       0       0   0.00000E+00   0.00000E+00   -8424.6
0.00000E+00   0.00000E+00   0.00000E+00
869       0       0   0.00000E+00   0.00000E+00   -8828.6
0.00000E+00   0.00000E+00   0.00000E+00
870       0       0   0.00000E+00   0.00000E+00   -9333.7
0.00000E+00   0.00000E+00   0.00000E+00
871       0       0   0.00000E+00   0.00000E+00   -10298.
0.00000E+00   0.00000E+00   0.00000E+00
872       0       0   0.00000E+00   0.00000E+00   -8374.1
0.00000E+00   0.00000E+00   0.00000E+00
873       0       0   0.00000E+00   0.00000E+00   -9207.4
0.00000E+00   0.00000E+00   0.00000E+00
874       0       0   0.00000E+00   0.00000E+00   -9288.2
0.00000E+00   0.00000E+00   0.00000E+00
875       0       0   0.00000E+00   0.00000E+00   -8374.1
0.00000E+00   0.00000E+00   0.00000E+00
876       0       0   0.00000E+00   0.00000E+00   -9571.1
0.00000E+00   0.00000E+00   0.00000E+00
877       0       0   0.00000E+00   0.00000E+00   -5980.0
0.00000E+00   0.00000E+00   0.00000E+00
```

NUMBER OF LOADED NODES OR ELEMENTS = 330
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 566

CDM_TRsx - Fz (My) @ 40 (-X) - Positive - Characteristic

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -205.00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.11 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -772.56 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -725.55 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -898.78 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -877.45 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -804.77 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.11 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -724.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -773.43 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.11 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -930.12 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -940.13 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -710.75 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.11 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -818.70 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -679.42 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -708.14 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2037.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3948.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3212.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2807.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2518.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2744.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
507        0        0   0.00000E+00   0.00000E+00   -2538.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2706.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3314.3
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3948.9
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2341.5
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -806.59
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -761.12
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -765.62
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1445.5
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -13335.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -9483.7
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -708.95
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -842.00
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -698.74
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -807.81
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -759.89
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -731.21
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -783.88
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -653.30
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -702.78
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -781.12
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -815.94
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -721.20
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -808.25
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -417.84
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1297.3
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4888.9
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4591.5
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5687.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6918.9
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5552.7
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -5092.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4586.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4894.5
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5886.0
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6918.9
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -5949.4
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4497.8
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5180.9
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4299.5
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4481.3
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6295.7
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7793.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6589.8
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4943.1
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5413.0
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5219.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4860.8
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5659.3
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6309.2
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7793.0
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6219.2
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5104.3
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4816.5
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -4845.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -7373.5
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -49623.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -36248.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -4486.4
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -5328.4
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4421.8
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5112.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4808.7
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4627.3
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4960.6
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4134.3
0.00000E+00   0.00000E+00   0.00000E+00
```

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584        0        0   0.00000E+00   0.00000E+00   -4447.3
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4943.1
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5163.5
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4563.9
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -5114.8
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -2644.2
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -594.16
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1322.7
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2598.8
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5495.1
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6255.3
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5878.9
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7273.9
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7095.2
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6511.7
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5525.7
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5790.9
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -6338.7
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5499.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7498.8
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7514.5
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5898.1
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5495.1
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6461.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5673.1
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5685.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7599.4
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7508.3
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5612.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -6083.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -5958.4
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5587.0
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6282.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -7227.3
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
625       0       0   0.00000E+00   0.00000E+00   -7496.5
0.00000E+00   0.00000E+00   0.00000E+00
626       0       0   0.00000E+00   0.00000E+00   -6390.0
0.00000E+00   0.00000E+00   0.00000E+00
627       0       0   0.00000E+00   0.00000E+00   -6217.2
0.00000E+00   0.00000E+00   0.00000E+00
628       0       0   0.00000E+00   0.00000E+00   -6222.8
0.00000E+00   0.00000E+00   0.00000E+00
629       0       0   0.00000E+00   0.00000E+00   -9303.2
0.00000E+00   0.00000E+00   0.00000E+00
630       0       0   0.00000E+00   0.00000E+00   -63263.
0.00000E+00   0.00000E+00   0.00000E+00
631       0       0   0.00000E+00   0.00000E+00   -78936.
0.00000E+00   0.00000E+00   0.00000E+00
632       0       0   0.00000E+00   0.00000E+00   -49270.
0.00000E+00   0.00000E+00   0.00000E+00
633       0       0   0.00000E+00   0.00000E+00   -6557.3
0.00000E+00   0.00000E+00   0.00000E+00
634       0       0   0.00000E+00   0.00000E+00   -5810.2
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -6485.3
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -6121.9
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -6054.5
0.00000E+00   0.00000E+00   0.00000E+00
638       0       0   0.00000E+00   0.00000E+00   -6166.8
0.00000E+00   0.00000E+00   0.00000E+00
639       0       0   0.00000E+00   0.00000E+00   -5591.3
0.00000E+00   0.00000E+00   0.00000E+00
640       0       0   0.00000E+00   0.00000E+00   -5282.1
0.00000E+00   0.00000E+00   0.00000E+00
641       0       0   0.00000E+00   0.00000E+00   -5684.2
0.00000E+00   0.00000E+00   0.00000E+00
642       0       0   0.00000E+00   0.00000E+00   -6336.0
0.00000E+00   0.00000E+00   0.00000E+00
643       0       0   0.00000E+00   0.00000E+00   -6596.4
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -5768.8
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -5643.2
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -6416.4
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -3842.1
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -1362.4
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -840.26
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -2412.3
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -5370.3
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -5272.1
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -4848.3
0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -5502.5
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -5184.9
0.00000E+00   0.00000E+00   0.00000E+00
656       0       0   0.00000E+00   0.00000E+00   -6387.6
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -7785.6
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -6211.3
0.00000E+00   0.00000E+00   0.00000E+00
```

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       659        0        0   0.00000E+00   0.00000E+00   -5714.3
   0.00000E+00   0.00000E+00   0.00000E+00
       660        0        0   0.00000E+00   0.00000E+00   -4972.6
   0.00000E+00   0.00000E+00   0.00000E+00
       661        0        0   0.00000E+00   0.00000E+00   -4849.9
   0.00000E+00   0.00000E+00   0.00000E+00
       662        0        0   0.00000E+00   0.00000E+00   -5818.6
   0.00000E+00   0.00000E+00   0.00000E+00
       663        0        0   0.00000E+00   0.00000E+00   -4867.3
   0.00000E+00   0.00000E+00   0.00000E+00
       664        0        0   0.00000E+00   0.00000E+00   -6494.0
   0.00000E+00   0.00000E+00   0.00000E+00
       665        0        0   0.00000E+00   0.00000E+00   -7785.6
   0.00000E+00   0.00000E+00   0.00000E+00
       666        0        0   0.00000E+00   0.00000E+00   -6299.8
   0.00000E+00   0.00000E+00   0.00000E+00
       667        0        0   0.00000E+00   0.00000E+00   -5643.7
   0.00000E+00   0.00000E+00   0.00000E+00
       668        0        0   0.00000E+00   0.00000E+00   -4848.3
   0.00000E+00   0.00000E+00   0.00000E+00
       669        0        0   0.00000E+00   0.00000E+00   -5150.1
   0.00000E+00   0.00000E+00   0.00000E+00
       670        0        0   0.00000E+00   0.00000E+00   -5537.3
   0.00000E+00   0.00000E+00   0.00000E+00
       671        0        0   0.00000E+00   0.00000E+00   -4849.3
   0.00000E+00   0.00000E+00   0.00000E+00
       672        0        0   0.00000E+00   0.00000E+00   -6599.8
   0.00000E+00   0.00000E+00   0.00000E+00
       673        0        0   0.00000E+00   0.00000E+00   -7785.6
   0.00000E+00   0.00000E+00   0.00000E+00
       674        0        0   0.00000E+00   0.00000E+00   -6510.1
   0.00000E+00   0.00000E+00   0.00000E+00
       675        0        0   0.00000E+00   0.00000E+00   -5326.6
   0.00000E+00   0.00000E+00   0.00000E+00
       676        0        0   0.00000E+00   0.00000E+00   -4851.5
   0.00000E+00   0.00000E+00   0.00000E+00
       677        0        0   0.00000E+00   0.00000E+00   -5462.9
   0.00000E+00   0.00000E+00   0.00000E+00
       678        0        0   0.00000E+00   0.00000E+00   -5221.3
   0.00000E+00   0.00000E+00   0.00000E+00
       679        0        0   0.00000E+00   0.00000E+00   -4852.6
   0.00000E+00   0.00000E+00   0.00000E+00
       680        0        0   0.00000E+00   0.00000E+00   -6702.9
   0.00000E+00   0.00000E+00   0.00000E+00
       681        0        0   0.00000E+00   0.00000E+00   -7785.6
   0.00000E+00   0.00000E+00   0.00000E+00
       682        0        0   0.00000E+00   0.00000E+00   -6907.1
   0.00000E+00   0.00000E+00   0.00000E+00
       683        0        0   0.00000E+00   0.00000E+00   -5173.4
   0.00000E+00   0.00000E+00   0.00000E+00
       684        0        0   0.00000E+00   0.00000E+00   -5642.7
   0.00000E+00   0.00000E+00   0.00000E+00
       685        0        0   0.00000E+00   0.00000E+00   -5549.2
   0.00000E+00   0.00000E+00   0.00000E+00
       686        0        0   0.00000E+00   0.00000E+00   -5289.3
   0.00000E+00   0.00000E+00   0.00000E+00
       687        0        0   0.00000E+00   0.00000E+00   -6365.1
   0.00000E+00   0.00000E+00   0.00000E+00
       688        0        0   0.00000E+00   0.00000E+00   -72965.
   0.00000E+00   0.00000E+00   0.00000E+00
       689        0        0   0.00000E+00   0.00000E+00   -94401.
   0.00000E+00   0.00000E+00   0.00000E+00
       690        0        0   0.00000E+00   0.00000E+00   -4940.4
   0.00000E+00   0.00000E+00   0.00000E+00
       691        0        0   0.00000E+00   0.00000E+00   -5596.6
   0.00000E+00   0.00000E+00   0.00000E+00
       692        0        0   0.00000E+00   0.00000E+00   -5528.6
   0.00000E+00   0.00000E+00   0.00000E+00
       693        0        0   0.00000E+00   0.00000E+00   -5287.4
   0.00000E+00   0.00000E+00   0.00000E+00
       694        0        0   0.00000E+00   0.00000E+00   -5752.2
   0.00000E+00   0.00000E+00   0.00000E+00
       695        0        0   0.00000E+00   0.00000E+00   -4852.0
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0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5238.9
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697        0        0   0.00000E+00   0.00000E+00   -4622.1
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4980.8
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5609.6
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5770.3
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4849.8
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5449.5
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5237.5
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4839.2
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5531.2
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3411.4
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4723.2
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708        0        0   0.00000E+00   0.00000E+00   -10652.
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709        0        0   0.00000E+00   0.00000E+00   -10217.
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710        0        0   0.00000E+00   0.00000E+00   -9446.4
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711        0        0   0.00000E+00   0.00000E+00   -11086.
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712        0        0   0.00000E+00   0.00000E+00   -9782.9
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713        0        0   0.00000E+00   0.00000E+00   -12628.
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714        0        0   0.00000E+00   0.00000E+00   -15230.
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715        0        0   0.00000E+00   0.00000E+00   -12522.
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716        0        0   0.00000E+00   0.00000E+00   -10719.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9532.1
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10426.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10430.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9504.7
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -13137.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15230.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12777.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9994.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10215.
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726        0        0   0.00000E+00   0.00000E+00   -10179.
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727        0        0   0.00000E+00   0.00000E+00   -9921.5
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10577.
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729        0        0   0.00000E+00   0.00000E+00   -12487.
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730        0        0   0.00000E+00   0.00000E+00   -15230.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12561.
0.00000E+00   0.00000E+00   0.00000E+00
```

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732        0        0   0.00000E+00   0.00000E+00   -10334.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -8331.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -4112.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9674.7
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -9417.5
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -13013.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15266.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -13607.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -9841.5
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -11549.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -10242.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -11089.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10703.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.13881E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20414E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22379.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -10732.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -10668.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10863.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -10278.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9686.8
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9027.8
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9806.4
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10834.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11541.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9609.1
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10152.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10684.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9417.5
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10735.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6781.9
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9465.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21495.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20376.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18931.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22614.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -19257.
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -25505.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -30588.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -25552.
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -21029.
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -18931.
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -21962.
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -19910.
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -19071.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -26858.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -30588.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -26158.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -18931.
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -21309.
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -20563.
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -18931.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -22428.
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -24619.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -30588.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -25039.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -20656.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -15480.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -1119.9
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -18841.
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -18841.
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -26022.
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -30700.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -27429.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -19469.
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -23747.
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -19903.
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -23127.
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -20523.
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -99540.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.15701E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -38301.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       805        0        0   0.00000E+00   0.00000E+00   -21312.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -21267.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -22383.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -19578.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -22596.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -18841.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -18117.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -19764.
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -21608.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -23453.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -19434.
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -19830.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -21938.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -18841.
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -21411.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -13703.
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -4175.0
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -9481.1
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -8987.5
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -8350.0
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -9974.7
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -8493.9
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -11250.
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -11270.
0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -9275.4
0.00000E+00   0.00000E+00   0.00000E+00
       831        0        0   0.00000E+00   0.00000E+00   -8350.0
0.00000E+00   0.00000E+00   0.00000E+00
       832        0        0   0.00000E+00   0.00000E+00   -9686.8
0.00000E+00   0.00000E+00   0.00000E+00
       833        0        0   0.00000E+00   0.00000E+00   -8781.9
0.00000E+00   0.00000E+00   0.00000E+00
       834        0        0   0.00000E+00   0.00000E+00   -8411.7
0.00000E+00   0.00000E+00   0.00000E+00
       835        0        0   0.00000E+00   0.00000E+00   -11846.
0.00000E+00   0.00000E+00   0.00000E+00
       836        0        0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
       837        0        0   0.00000E+00   0.00000E+00   -11538.
0.00000E+00   0.00000E+00   0.00000E+00
       838        0        0   0.00000E+00   0.00000E+00   -8350.0
0.00000E+00   0.00000E+00   0.00000E+00
       839        0        0   0.00000E+00   0.00000E+00   -9398.8
0.00000E+00   0.00000E+00   0.00000E+00
       840        0        0   0.00000E+00   0.00000E+00   -9069.8
0.00000E+00   0.00000E+00   0.00000E+00
       841        0        0   0.00000E+00   0.00000E+00   -8350.0
```

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0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -9892.4
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -10859.
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -11044.
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -9110.9
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -6828.0
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -493.98
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -8310.5
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -8310.5
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -11478.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13541.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -12098.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -8587.4
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -10474.
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -8778.8
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -10201.
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9052.3
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -79006.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00  -0.13180E+06
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -24552.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -9400.4
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -9380.5
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -9872.8
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -8635.3
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -9966.8
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -8310.5
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -7990.9
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -8717.3
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -9530.9
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -10345.
0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -8572.0
0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -8746.4
0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -9676.2
0.00000E+00   0.00000E+00   0.00000E+00
875        0        0   0.00000E+00   0.00000E+00   -8310.5
0.00000E+00   0.00000E+00   0.00000E+00
876        0        0   0.00000E+00   0.00000E+00   -9443.8
0.00000E+00   0.00000E+00   0.00000E+00
877        0        0   0.00000E+00   0.00000E+00   -6044.0
0.00000E+00   0.00000E+00   0.00000E+00
```

NUMBER OF LOADED NODES OR ELEMENTS = 391
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 567

CDM_TRsx - Fz (My) @ 40 (+X) - Positive - Characteristic

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -205.00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.11 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -772.56 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -725.55 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -898.78 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -877.45 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -804.77 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.11 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -724.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -773.43 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.11 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -930.12 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -940.13 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -710.75 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.11 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -818.70 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -679.42 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -708.14 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2037.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3948.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3212.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2807.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2518.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2744.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
507        0        0   0.00000E+00   0.00000E+00   -2538.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2706.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3314.3
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3948.9
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2341.5
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -806.59
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -761.12
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -765.62
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -802.08
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -10761.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -12701.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -708.95
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -842.00
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -698.74
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -807.81
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -759.89
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -731.21
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -783.88
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -653.30
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -702.78
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -781.12
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -815.94
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -721.20
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -808.25
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -417.84
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1297.3
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4888.9
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4591.5
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5687.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6918.9
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5552.7
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -5092.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4586.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4894.5
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5886.0
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6918.9
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -5949.4
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4497.8
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5180.9
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4299.5
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4481.3
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6295.7
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7793.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6589.8
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4943.1
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5413.0
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5219.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4860.8
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5659.3
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6309.2
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7793.0
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568        0        0   0.00000E+00   0.00000E+00   -6219.2
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5104.3
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4816.5
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571        0        0   0.00000E+00   0.00000E+00   -4845.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5075.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -40431.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -47737.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -4486.4
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -5328.4
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4421.8
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5112.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4808.7
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4627.3
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4960.6
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4291.3
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583        0        0   0.00000E+00   0.00000E+00   -4134.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
584        0        0   0.00000E+00   0.00000E+00   -4447.3
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0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5163.5
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4563.9
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -5114.8
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -2644.2
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -594.16
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594        0        0   0.00000E+00   0.00000E+00   -1322.7
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2598.8
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596        0        0   0.00000E+00   0.00000E+00   -5495.1
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6255.3
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5878.9
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7273.9
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7095.2
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6511.7
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5525.7
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5790.9
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -6338.7
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5499.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7498.8
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7514.5
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5898.1
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5495.1
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6461.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5673.1
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5685.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7599.4
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7508.3
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5612.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -6083.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -5958.4
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5587.0
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6282.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -7227.3
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
625       0       0   0.00000E+00   0.00000E+00   -7496.5
0.00000E+00   0.00000E+00   0.00000E+00
626       0       0   0.00000E+00   0.00000E+00   -6390.0
0.00000E+00   0.00000E+00   0.00000E+00
627       0       0   0.00000E+00   0.00000E+00   -6217.2
0.00000E+00   0.00000E+00   0.00000E+00
628       0       0   0.00000E+00   0.00000E+00   -6222.8
0.00000E+00   0.00000E+00   0.00000E+00
629       0       0   0.00000E+00   0.00000E+00   -6384.5
0.00000E+00   0.00000E+00   0.00000E+00
630       0       0   0.00000E+00   0.00000E+00   -51588.
0.00000E+00   0.00000E+00   0.00000E+00
631       0       0   0.00000E+00   0.00000E+00   -85896.
0.00000E+00   0.00000E+00   0.00000E+00
632       0       0   0.00000E+00   0.00000E+00   -51352.
0.00000E+00   0.00000E+00   0.00000E+00
633       0       0   0.00000E+00   0.00000E+00   -12109.
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634       0       0   0.00000E+00   0.00000E+00   -5810.2
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -6485.3
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -6121.9
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -6054.5
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638       0       0   0.00000E+00   0.00000E+00   -6166.8
0.00000E+00   0.00000E+00   0.00000E+00
639       0       0   0.00000E+00   0.00000E+00   -5591.3
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640       0       0   0.00000E+00   0.00000E+00   -5282.1
0.00000E+00   0.00000E+00   0.00000E+00
641       0       0   0.00000E+00   0.00000E+00   -5684.2
0.00000E+00   0.00000E+00   0.00000E+00
642       0       0   0.00000E+00   0.00000E+00   -6336.0
0.00000E+00   0.00000E+00   0.00000E+00
643       0       0   0.00000E+00   0.00000E+00   -6596.4
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -5768.8
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -5643.2
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -6416.4
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647       0       0   0.00000E+00   0.00000E+00   -3842.1
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -1362.4
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -840.26
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -2412.3
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -5370.3
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -5272.1
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -4848.3
0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -5502.5
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -5184.9
0.00000E+00   0.00000E+00   0.00000E+00
656       0       0   0.00000E+00   0.00000E+00   -6387.6
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -7785.6
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -6211.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
659        0        0   0.00000E+00   0.00000E+00   -5714.3
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4972.6
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4849.9
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5818.6
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -4867.3
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6494.0
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7785.6
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6299.8
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5643.7
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4848.3
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5150.1
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5537.3
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4849.3
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6599.8
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7785.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6510.1
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5326.6
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4851.5
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -5462.9
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5221.3
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4852.6
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6702.9
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7785.6
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6907.1
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5173.4
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5642.7
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5549.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5266.8
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -6275.3
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -57505.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -98648.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -16266.
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5596.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5528.6
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5287.4
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5752.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4852.0
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0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5238.9
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4622.1
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4980.8
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5609.6
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5770.3
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4849.8
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5449.5
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5237.5
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4839.2
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5531.2
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3411.4
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4715.8
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10170.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9435.3
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11186.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9662.7
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15227.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12699.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10454.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9528.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10729.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10099.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9894.4
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -12878.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15227.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12601.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9997.8
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10722.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -9636.5
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -10364.
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10283.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12530.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15227.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12334.
0.00000E+00   0.00000E+00   0.00000E+00
```

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732        0        0   0.00000E+00   0.00000E+00   -11045.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9431.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -5903.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -8573.9
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10038.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12681.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15233.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12924.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11139.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10220.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11511.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10096.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -11388.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.12149E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20914E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -34473.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -10332.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11426.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -9975.2
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -11377.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -9652.8
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9811.1
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9345.7
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9887.9
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10690.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11507.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9464.0
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10489.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10399.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9464.0
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10829.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6735.0
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9442.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21588.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20231.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22923.
```

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0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -25637.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -30578.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -26100.
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -20208.
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -18919.
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -22900.
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -20276.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -26055.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -30578.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -25614.
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781       0       0   0.00000E+00   0.00000E+00   -18942.
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -22877.
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -20299.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -21520.
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786       0       0   0.00000E+00   0.00000E+00   -24754.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -30578.
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788       0       0   0.00000E+00   0.00000E+00   -24336.
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789       0       0   0.00000E+00   0.00000E+00   -22855.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -6660.8
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -15436.
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793       0       0   0.00000E+00   0.00000E+00   -20760.
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794       0       0   0.00000E+00   0.00000E+00   -24997.
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795       0       0   0.00000E+00   0.00000E+00   -30597.
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796       0       0   0.00000E+00   0.00000E+00   -25316.
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797       0       0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -19636.
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799       0       0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -20056.
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801       0       0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
```

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       805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -19636.
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       808        0        0   0.00000E+00   0.00000E+00   -22980.
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       809        0        0   0.00000E+00   0.00000E+00   -19569.
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       810        0        0   0.00000E+00   0.00000E+00   -19226.
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       811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20016.
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       813        0        0   0.00000E+00   0.00000E+00   -21161.
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       814        0        0   0.00000E+00   0.00000E+00   -23348.
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       815        0        0   0.00000E+00   0.00000E+00   -18985.
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       816        0        0   0.00000E+00   0.00000E+00   -20875.
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       817        0        0   0.00000E+00   0.00000E+00   -21058.
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       818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -21699.
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       820        0        0   0.00000E+00   0.00000E+00   -13558.
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       821        0        0   0.00000E+00   0.00000E+00   -4164.9
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       822        0        0   0.00000E+00   0.00000E+00   -9522.0
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       823        0        0   0.00000E+00   0.00000E+00   -8923.5
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       824        0        0   0.00000E+00   0.00000E+00   -8334.9
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       825        0        0   0.00000E+00   0.00000E+00   -10111.
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       826        0        0   0.00000E+00   0.00000E+00   -8329.9
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       827        0        0   0.00000E+00   0.00000E+00   -11308.
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       828        0        0   0.00000E+00   0.00000E+00   -13487.
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       829        0        0   0.00000E+00   0.00000E+00   -11512.
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       830        0        0   0.00000E+00   0.00000E+00   -8913.5
0.00000E+00   0.00000E+00   0.00000E+00
       831        0        0   0.00000E+00   0.00000E+00   -8344.9
0.00000E+00   0.00000E+00   0.00000E+00
       832        0        0   0.00000E+00   0.00000E+00   -10101.
0.00000E+00   0.00000E+00   0.00000E+00
       833        0        0   0.00000E+00   0.00000E+00   -8329.9
0.00000E+00   0.00000E+00   0.00000E+00
       834        0        0   0.00000E+00   0.00000E+00   -8943.4
0.00000E+00   0.00000E+00   0.00000E+00
       835        0        0   0.00000E+00   0.00000E+00   -11492.
0.00000E+00   0.00000E+00   0.00000E+00
       836        0        0   0.00000E+00   0.00000E+00   -13487.
0.00000E+00   0.00000E+00   0.00000E+00
       837        0        0   0.00000E+00   0.00000E+00   -11298.
0.00000E+00   0.00000E+00   0.00000E+00
       838        0        0   0.00000E+00   0.00000E+00   -8354.8
0.00000E+00   0.00000E+00   0.00000E+00
       839        0        0   0.00000E+00   0.00000E+00   -10091.
0.00000E+00   0.00000E+00   0.00000E+00
       840        0        0   0.00000E+00   0.00000E+00   -8329.9
0.00000E+00   0.00000E+00   0.00000E+00
       841        0        0   0.00000E+00   0.00000E+00   -8953.4
```

```
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -9492.1
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -10919.
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -13487.
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -10734.
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -10081.
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -8329.9
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -2937.9
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10510.
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -8846.5
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9987.3
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -78301.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00  -0.13237E+06
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -24389.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -8855.5
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -10415.
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -10136.
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -8631.7
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -8480.1
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -8424.6
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -8828.6
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -9333.7
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -10298.
0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -8374.1
0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -9207.4
0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -9288.2
0.00000E+00   0.00000E+00   0.00000E+00
875        0        0   0.00000E+00   0.00000E+00   -8374.1
0.00000E+00   0.00000E+00   0.00000E+00
876        0        0   0.00000E+00   0.00000E+00   -9571.1
0.00000E+00   0.00000E+00   0.00000E+00
877        0        0   0.00000E+00   0.00000E+00   -5980.0
0.00000E+00   0.00000E+00   0.00000E+00
```

NUMBER OF LOADED NODES OR ELEMENTS = 391
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 568

CDM_TRsx - Fz (My) @ 46 (-X) - Positive - Characteristic

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -304.30 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -738.32 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -756.10 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -674.88 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -937.15 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1103.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -948.46 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -674.88 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -739.13 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -755.30 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -674.88 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -787.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -889.06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1092.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9781.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12771. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1711.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -674.88 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -788.43 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -705.99 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1264.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3604.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3215.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2824.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2536.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2570.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
507        0        0   0.00000E+00   0.00000E+00   -2856.5
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2051.0
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2401.3
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2870.0
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2473.5
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2033.5
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1974.7
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2140.2
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2180.8
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -3080.1
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2606.1
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -3154.4
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2487.0
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2902.4
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2724.4
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2837.0
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2760.9
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2568.9
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2705.4
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -2289.4
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1779.6
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -769.04
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -847.82
0.00000E+00   0.00000E+00   0.00000E+00
530      531        1   0.00000E+00   0.00000E+00   -664.90
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -44.060
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1925.7
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4672.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4784.8
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5930.5
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6981.6
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -6002.1
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4677.4
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4779.7
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4984.3
```

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0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5626.2
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6915.1
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -37398.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47651.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -8192.5
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4989.4
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4467.7
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5840.8
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7683.8
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6474.7
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5403.2
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4840.8
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5539.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5121.2
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2260.8
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -735.09
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.56
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -757.20
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -622.50
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -604.49
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -655.17
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2551.9
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -5960.1
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -5217.2
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -6134.9
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4831.2
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -5936.6
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5033.9
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -6021.9
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4935.8
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -5538.3
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -5001.1
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4536.1
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4822.3
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4866.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
586        0        0   0.00000E+00   0.00000E+00   -5365.2
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4207.7
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4207.7
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -278.82
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -3194.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5867.4
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6231.4
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5463.8
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7550.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8913.5
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7651.2
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -5546.3
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5874.0
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -6224.8
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5463.8
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -6266.6
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7271.1
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33656.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -99119.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60461.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -10560.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5463.8
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -6273.1
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5825.7
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7295.3
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8846.7
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7307.7
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -6211.8
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5463.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -5427.9
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -4478.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -1722.2
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -1987.2
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -5291.3
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -4660.8
```

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0.00000E+00   0.00000E+00   0.00000E+00
632       0       0   0.00000E+00   0.00000E+00   -5451.7
0.00000E+00   0.00000E+00   0.00000E+00
633       0       0   0.00000E+00   0.00000E+00   -4292.3
0.00000E+00   0.00000E+00   0.00000E+00
634       0       0   0.00000E+00   0.00000E+00   -5768.6
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -5755.4
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -6830.6
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -5534.9
0.00000E+00   0.00000E+00   0.00000E+00
638       0       0   0.00000E+00   0.00000E+00   -6420.4
0.00000E+00   0.00000E+00   0.00000E+00
639       0       0   0.00000E+00   0.00000E+00   -5575.8
0.00000E+00   0.00000E+00   0.00000E+00
640       0       0   0.00000E+00   0.00000E+00   -5174.4
0.00000E+00   0.00000E+00   0.00000E+00
641       0       0   0.00000E+00   0.00000E+00   -5743.5
0.00000E+00   0.00000E+00   0.00000E+00
642       0       0   0.00000E+00   0.00000E+00   -6231.6
0.00000E+00   0.00000E+00   0.00000E+00
643       0       0   0.00000E+00   0.00000E+00   -6846.9
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -5434.7
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -5459.3
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -1647.7
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -1174.8
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -1335.0
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -854.40
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -5132.1
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -4809.4
0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -5829.2
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
656       0       0   0.00000E+00   0.00000E+00   -6522.6
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -6640.3
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -5139.3
0.00000E+00   0.00000E+00   0.00000E+00
660       0       0   0.00000E+00   0.00000E+00   -4815.2
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -5823.4
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -5160.4
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -6626.8
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00  -0.11194E+06
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -5240.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
668        0        0   0.00000E+00   0.00000E+00   -5851.1
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5166.2
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5472.5
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6298.2
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6192.5
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5811.9
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1713.7
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -24.608
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -9.4626
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -10.919
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -29.073
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -25.609
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -29.954
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -23.584
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -1834.3
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5408.1
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5696.2
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -4979.8
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5747.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4793.9
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4608.4
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5027.9
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5496.9
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5966.7
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4943.0
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5043.0
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5555.0
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4769.7
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5420.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3468.9
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9434.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -13016.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.14401E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.21712E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -1244.9
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -7885.9
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -11252.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -9635.4
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -11347.
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753        0        0   0.00000E+00   0.00000E+00   -9374.7
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -8987.8
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9808.5
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10815.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11613.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9723.7
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -9837.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
760        0        0   0.00000E+00   0.00000E+00   -10949.
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10649.
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763        0        0   0.00000E+00   0.00000E+00   -6826.1
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -26197.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00  -0.15248E+06
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30596.
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788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -12910.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -22723.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -19235.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -22900.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -18826.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -18021.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -19670.
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813        0        0   0.00000E+00   0.00000E+00   -21787.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23260.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -19586.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -19724.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -22025.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18826.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21381.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13717.
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -11182.
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -10991.
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -9692.0
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -9174.5
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -9319.4
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -11555.
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00  -0.10631E+06
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00  -0.12517E+06
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -8574.2
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -8543.2
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -9950.7
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -8915.8
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -11508.
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -11441.
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -460.54 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5694.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10022. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8484.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10101. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8303.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7948.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8676.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9610.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10260. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8638.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8699.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9714.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8303.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9430.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6050.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 336
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 569

CDM_TRsx - Fz (My) @ 46 (+X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -204.96 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -777.53 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -718.97 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -901.16 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -891.40 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -784.04 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
490        0        0   0.00000E+00   0.00000E+00   -751.51
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -745.00
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -676.68
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -940.20
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1099.6
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -7789.1
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -12708.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -3733.3
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -771.03
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -676.68
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -764.52
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2691.6
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3963.2
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3315.5
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2655.0
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2577.6
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2733.5
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2614.8
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2333.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2508.0
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2881.1
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2534.5
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1841.6
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2223.8
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -1892.3
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2114.0
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2104.5
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2784.0
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2926.0
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2565.5
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2999.3
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2562.8
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -3054.0
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2554.0
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2667.2
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2744.1
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -2229.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -2387.6
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1252.2
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -834.26
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -661.97
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -172.29
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1297.0
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4920.4
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4549.8
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5702.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.4
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5641.0
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4961.6
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4755.7
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4714.5
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5949.8
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6958.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -30446.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47251.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -15333.
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4879.2
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4838.1
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6270.4
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7796.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6481.0
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5025.0
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5589.0
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4911.8
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5247.8
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4045.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -767.76
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -881.97
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -775.87
0.00000E+00   0.00000E+00   0.00000E+00
```

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       569        0        0   0.00000E+00   0.00000E+00   -563.75
0.00000E+00   0.00000E+00   0.00000E+00
       570        0        0   0.00000E+00   0.00000E+00   -680.75
0.00000E+00   0.00000E+00   0.00000E+00
       571        0        0   0.00000E+00   0.00000E+00   -579.28
0.00000E+00   0.00000E+00   0.00000E+00
       572        0        0   0.00000E+00   0.00000E+00   -647.14
0.00000E+00   0.00000E+00   0.00000E+00
       573        0        0   0.00000E+00   0.00000E+00   -1261.0
0.00000E+00   0.00000E+00   0.00000E+00
       574        0        0   0.00000E+00   0.00000E+00   -5041.1
0.00000E+00   0.00000E+00   0.00000E+00
       575        0        0   0.00000E+00   0.00000E+00   -5939.6
0.00000E+00   0.00000E+00   0.00000E+00
       576        0        0   0.00000E+00   0.00000E+00   -4995.2
0.00000E+00   0.00000E+00   0.00000E+00
       577        0        0   0.00000E+00   0.00000E+00   -5798.5
0.00000E+00   0.00000E+00   0.00000E+00
       578        0        0   0.00000E+00   0.00000E+00   -5127.5
0.00000E+00   0.00000E+00   0.00000E+00
       579        0        0   0.00000E+00   0.00000E+00   -5971.8
0.00000E+00   0.00000E+00   0.00000E+00
       580        0        0   0.00000E+00   0.00000E+00   -4954.6
0.00000E+00   0.00000E+00   0.00000E+00
       581        0        0   0.00000E+00   0.00000E+00   -5512.9
0.00000E+00   0.00000E+00   0.00000E+00
       582        0        0   0.00000E+00   0.00000E+00   -5044.9
0.00000E+00   0.00000E+00   0.00000E+00
       583        0        0   0.00000E+00   0.00000E+00   -4505.1
0.00000E+00   0.00000E+00   0.00000E+00
       584        0        0   0.00000E+00   0.00000E+00   -5026.8
0.00000E+00   0.00000E+00   0.00000E+00
       585        0        0   0.00000E+00   0.00000E+00   -5043.3
0.00000E+00   0.00000E+00   0.00000E+00
       586        0        0   0.00000E+00   0.00000E+00   -5279.4
0.00000E+00   0.00000E+00   0.00000E+00
       587        0        0   0.00000E+00   0.00000E+00   -4189.1
0.00000E+00   0.00000E+00   0.00000E+00
       588        0        0   0.00000E+00   0.00000E+00   -1090.3
0.00000E+00   0.00000E+00   0.00000E+00
       593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
       594        0        0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
       595        0        0   0.00000E+00   0.00000E+00   -2563.2
0.00000E+00   0.00000E+00   0.00000E+00
       596        0        0   0.00000E+00   0.00000E+00   -5475.9
0.00000E+00   0.00000E+00   0.00000E+00
       597        0        0   0.00000E+00   0.00000E+00   -6367.5
0.00000E+00   0.00000E+00   0.00000E+00
       598        0        0   0.00000E+00   0.00000E+00   -5743.8
0.00000E+00   0.00000E+00   0.00000E+00
       599        0        0   0.00000E+00   0.00000E+00   -7321.9
0.00000E+00   0.00000E+00   0.00000E+00
       600        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
       601        0        0   0.00000E+00   0.00000E+00   -7288.8
0.00000E+00   0.00000E+00   0.00000E+00
       602        0        0   0.00000E+00   0.00000E+00   -6239.6
0.00000E+00   0.00000E+00   0.00000E+00
       603        0        0   0.00000E+00   0.00000E+00   -5477.3
0.00000E+00   0.00000E+00   0.00000E+00
       604        0        0   0.00000E+00   0.00000E+00   -6200.8
0.00000E+00   0.00000E+00   0.00000E+00
       605        0        0   0.00000E+00   0.00000E+00   -5909.1
0.00000E+00   0.00000E+00   0.00000E+00
       606        0        0   0.00000E+00   0.00000E+00   -5562.0
0.00000E+00   0.00000E+00   0.00000E+00
       607        0        0   0.00000E+00   0.00000E+00   -7595.9
0.00000E+00   0.00000E+00   0.00000E+00
       608        0        0   0.00000E+00   0.00000E+00   -33700.
0.00000E+00   0.00000E+00   0.00000E+00
       609        0        0   0.00000E+00   0.00000E+00   -90189.
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60059.
 0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -19679.
 0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6074.4
 0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5563.4
 0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6197.4
 0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7287.5
 0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8849.1
 0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7282.1
 0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5867.4
 0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -6239.7
 0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4713.0
 0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -4690.3
 0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -3512.5
 0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -650.46
 0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -4417.7
 0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -5319.5
 0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -4439.9
 0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5147.0
 0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -4580.3
 0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5333.8
 0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -5558.3
 0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6109.1
 0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5798.9
 0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5110.6
 0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5654.9
 0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6464.4
 0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6540.0
 0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5587.0
 0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2250.4
 0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -1382.8
 0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1197.8
 0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1299.5
 0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -869.44
 0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
 0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5465.0
 0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5128.6
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
653        0        0   0.00000E+00   0.00000E+00   -4807.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5829.9
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4805.9
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6521.3
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6638.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5143.1
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4813.0
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5823.3
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4806.8
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5156.5
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6628.6
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00  -0.11187E+06
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5238.6
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5921.6
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4807.7
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5162.3
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5474.5
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6298.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6192.3
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5810.0
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4808.6
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1709.8
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -25.771
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -19.300
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -3.5739
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -24.273
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -29.228
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -24.395
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -28.280
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -25.167
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -117.55
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -4723.7
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4721.2
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5563.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -4403.2
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -4589.6
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -6319.1
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -5069.5
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -5637.2
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -4700.0
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -5614.1
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -4863.0
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -5276.1
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -3529.9
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711       0       0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717       0       0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718       0       0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719       0       0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720       0       0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721       0       0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
722       0       0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
723       0       0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
724       0       0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725       0       0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
726       0       0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727       0       0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
728       0       0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
729       0       0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730       0       0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731       0       0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732       0       0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
```

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733        0        0   0.00000E+00   0.00000E+00   -9432.6
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734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -60.937
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4513.1
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -9218.6
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -10686.
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -8750.0
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -8977.7
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -12359.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -9844.9
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -11142.
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -9218.6
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10973.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9613.1
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10353.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6949.9
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18982.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -3935.5
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -18505.
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -21241.
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -17723.
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -18035.
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -24812.
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -19704.
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -22492.
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -18505.
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -21971.
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -19365.
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -20772.
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -13970.
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -11182.
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -10991.
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -9692.0
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -9174.5
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -9319.4
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -37336.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00  -0.15787E+06
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47830. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8574.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8543.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9950.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8915.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11508. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13495. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11441. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -460.54 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1735.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8162.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9369.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7817.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7955.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10944. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8690.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9920.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8162.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9690.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8541.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9162.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6161.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 326
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 570

CDM_TRsx - Fz (My) @ 52 - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | FORCE | FORCE |
| NODE | NODE | RNCE | FX | FY | FZ | MX | MY |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -304.99 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

```
482        0        0   0.00000E+00   0.00000E+00   -734.43
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -762.08
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -676.68
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -934.50
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1093.1
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -958.09
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -684.00
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -708.40
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -788.11
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -676.68
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -747.44
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -915.80
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1093.1
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -7749.3
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -12714.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -3821.9
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1040.6
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -2492.9
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2658.4
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -3339.1
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3961.5
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3283.0
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2570.9
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2835.9
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2479.3
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2687.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2407.6
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2316.4
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2868.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2377.2
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2196.8
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1831.0
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2270.3
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1831.0
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2196.8
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1937.0
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2221.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1869.2
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2027.6
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2051.5
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1976.3
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2074.6
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1771.5
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2053.7
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1625.9
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1744.2
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2248.3
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1944.8
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1929.4
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1455.5
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1930.1
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4647.6
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4822.6
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5913.8
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.4
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -6063.0
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4328.5
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4482.9
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4987.3
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4730.0
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5795.4
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6917.4
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -30194.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47287.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -15894.
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4393.6
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -5107.6
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5481.5
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6336.4
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7795.5
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6270.2
0.00000E+00   0.00000E+00   0.00000E+00
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561        0        0   0.00000E+00   0.00000E+00   -5601.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5065.6
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4946.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5647.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2975.4
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -709.10
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.08
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -727.73
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -672.50
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -560.50
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -695.00
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -560.50
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -672.50
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -592.97
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -680.10
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -572.22
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -620.71
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -628.01
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -604.99
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -635.07
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -542.28
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -628.68
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -497.73
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -533.95
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -688.27
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -595.35
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -590.64
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -445.56
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -3198.5
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5842.7
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6269.3
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5475.2
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7533.6
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7712.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -5604.2
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5678.8
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -6433.2
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5475.2
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -6011.4
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7440.9
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33658.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -89936.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60095.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -20242.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5475.2
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5847.5
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6264.6
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7148.1
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7070.3
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -6502.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5604.4
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4831.8
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5088.0
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2360.6
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -19.879
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -298.19
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5132.1
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4809.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5829.4
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6522.5
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6640.7
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5139.6
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4814.1
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5824.6
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
663        0        0   0.00000E+00   0.00000E+00   -5159.0
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6627.7
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00  -0.11187E+06
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5238.8
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5924.7
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5163.8
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5474.9
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6297.4
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6191.2
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5813.5
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4805.1
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1710.4
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -27.956
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -12.971
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -80.709
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1210.6
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9590.4
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
725         0         0   0.00000E+00   0.00000E+00   -10255.
      0.00000E+00   0.00000E+00   0.00000E+00
726         0         0   0.00000E+00   0.00000E+00   -10589.
      0.00000E+00   0.00000E+00   0.00000E+00
727         0         0   0.00000E+00   0.00000E+00   -9679.4
      0.00000E+00   0.00000E+00   0.00000E+00
728         0         0   0.00000E+00   0.00000E+00   -10291.
      0.00000E+00   0.00000E+00   0.00000E+00
729         0         0   0.00000E+00   0.00000E+00   -12755.
      0.00000E+00   0.00000E+00   0.00000E+00
730         0         0   0.00000E+00   0.00000E+00   -15228.
      0.00000E+00   0.00000E+00   0.00000E+00
731         0         0   0.00000E+00   0.00000E+00   -12633.
      0.00000E+00   0.00000E+00   0.00000E+00
732         0         0   0.00000E+00   0.00000E+00   -10126.
      0.00000E+00   0.00000E+00   0.00000E+00
733         0         0   0.00000E+00   0.00000E+00   -9432.6
      0.00000E+00   0.00000E+00   0.00000E+00
734         0         0   0.00000E+00   0.00000E+00   -1500.4
      0.00000E+00   0.00000E+00   0.00000E+00
762         0         0   0.00000E+00   0.00000E+00   -1086.2
      0.00000E+00   0.00000E+00   0.00000E+00
763         0         0   0.00000E+00   0.00000E+00   -3102.1
      0.00000E+00   0.00000E+00   0.00000E+00
764         0         0   0.00000E+00   0.00000E+00   -9490.9
      0.00000E+00   0.00000E+00   0.00000E+00
765         0         0   0.00000E+00   0.00000E+00   -21387.
      0.00000E+00   0.00000E+00   0.00000E+00
766         0         0   0.00000E+00   0.00000E+00   -20542.
      0.00000E+00   0.00000E+00   0.00000E+00
767         0         0   0.00000E+00   0.00000E+00   -18982.
      0.00000E+00   0.00000E+00   0.00000E+00
768         0         0   0.00000E+00   0.00000E+00   -22231.
      0.00000E+00   0.00000E+00   0.00000E+00
769         0         0   0.00000E+00   0.00000E+00   -19697.
      0.00000E+00   0.00000E+00   0.00000E+00
770         0         0   0.00000E+00   0.00000E+00   -25352.
      0.00000E+00   0.00000E+00   0.00000E+00
771         0         0   0.00000E+00   0.00000E+00   -30596.
      0.00000E+00   0.00000E+00   0.00000E+00
772         0         0   0.00000E+00   0.00000E+00   -24918.
      0.00000E+00   0.00000E+00   0.00000E+00
773         0         0   0.00000E+00   0.00000E+00   -21973.
      0.00000E+00   0.00000E+00   0.00000E+00
774         0         0   0.00000E+00   0.00000E+00   -18982.
      0.00000E+00   0.00000E+00   0.00000E+00
775         0         0   0.00000E+00   0.00000E+00   -20800.
      0.00000E+00   0.00000E+00   0.00000E+00
776         0         0   0.00000E+00   0.00000E+00   -21129.
      0.00000E+00   0.00000E+00   0.00000E+00
777         0         0   0.00000E+00   0.00000E+00   -18982.
      0.00000E+00   0.00000E+00   0.00000E+00
778         0         0   0.00000E+00   0.00000E+00   -54805.
      0.00000E+00   0.00000E+00   0.00000E+00
779         0         0   0.00000E+00   0.00000E+00  -0.19080E+06
      0.00000E+00   0.00000E+00   0.00000E+00
780         0         0   0.00000E+00   0.00000E+00   -66659.
      0.00000E+00   0.00000E+00   0.00000E+00
781         0         0   0.00000E+00   0.00000E+00   -19439.
      0.00000E+00   0.00000E+00   0.00000E+00
782         0         0   0.00000E+00   0.00000E+00   -19369.
      0.00000E+00   0.00000E+00   0.00000E+00
783         0         0   0.00000E+00   0.00000E+00   -22560.
      0.00000E+00   0.00000E+00   0.00000E+00
784         0         0   0.00000E+00   0.00000E+00   -18982.
      0.00000E+00   0.00000E+00   0.00000E+00
785         0         0   0.00000E+00   0.00000E+00   -20214.
      0.00000E+00   0.00000E+00   0.00000E+00
786         0         0   0.00000E+00   0.00000E+00   -26091.
      0.00000E+00   0.00000E+00   0.00000E+00
787         0         0   0.00000E+00   0.00000E+00   -30596.
      0.00000E+00   0.00000E+00   0.00000E+00
```

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       788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -3188.2
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -7014.1
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -11182.
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -10991.
0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -9692.0
0.00000E+00   0.00000E+00   0.00000E+00
       831        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
       832        0        0   0.00000E+00   0.00000E+00   -9174.5
0.00000E+00   0.00000E+00   0.00000E+00
       833        0        0   0.00000E+00   0.00000E+00   -9319.4
0.00000E+00   0.00000E+00   0.00000E+00
       834        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
       835        0        0   0.00000E+00   0.00000E+00   -37336.
0.00000E+00   0.00000E+00   0.00000E+00
       836        0        0   0.00000E+00   0.00000E+00  -0.15787E+06
0.00000E+00   0.00000E+00   0.00000E+00
       837        0        0   0.00000E+00   0.00000E+00   -47830.
0.00000E+00   0.00000E+00   0.00000E+00
       838        0        0   0.00000E+00   0.00000E+00   -8574.2
0.00000E+00   0.00000E+00   0.00000E+00
       839        0        0   0.00000E+00   0.00000E+00   -8543.2
0.00000E+00   0.00000E+00   0.00000E+00
       840        0        0   0.00000E+00   0.00000E+00   -9950.7
0.00000E+00   0.00000E+00   0.00000E+00
       841        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
       842        0        0   0.00000E+00   0.00000E+00   -8915.8
0.00000E+00   0.00000E+00   0.00000E+00
       843        0        0   0.00000E+00   0.00000E+00   -11508.
0.00000E+00   0.00000E+00   0.00000E+00
       844        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
       845        0        0   0.00000E+00   0.00000E+00   -11441.
0.00000E+00   0.00000E+00   0.00000E+00
       846        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
       847        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
       848        0        0   0.00000E+00   0.00000E+00   -460.54
0.00000E+00   0.00000E+00   0.00000E+00
       876        0        0   0.00000E+00   0.00000E+00   -1406.3
0.00000E+00   0.00000E+00   0.00000E+00
       877        0        0   0.00000E+00   0.00000E+00   -3093.7
0.00000E+00   0.00000E+00   0.00000E+00
```

NUMBER OF LOADED NODES OR ELEMENTS = 256
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 571

CDM_TRsx - Fz (My) @ 58 (-X) - Positive - Characteristic

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -619.75 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -705.15 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -687.25 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -809.25 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -871.06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -885.70 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -765.33 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -731.17 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -804.37 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -692.13 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -917.55 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3252.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12274. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14567. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3557.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2785.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2496.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2689.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3330.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3964.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3326.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2494.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2865.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2522.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2584.2 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2195.2
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2319.8
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2869.8
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2345.2
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2253.4
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1839.4
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2191.8
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1921.4
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2089.5
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2063.7
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2070.7
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2020.0
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1867.3
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2228.2
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1839.4
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2149.2
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1839.0
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1807.8
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1789.2
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1870.5
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1998.5
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2174.9
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1778.7
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1986.4
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1944.7
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1778.7
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -450.27
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -3921.9
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4462.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4349.1
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -5121.1
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5512.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.4
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5604.9
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4843.2
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4627.0
0.00000E+00   0.00000E+00   0.00000E+00
```

```
547        0        0   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -5090.3
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4380.0
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5761.6
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7578.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -38251.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -48305.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -8289.1
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5540.0
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -5089.2
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4898.5
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6803.9
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7806.2
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6665.5
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4838.8
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5407.7
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5253.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4866.1
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1705.5
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -710.15
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.51
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -717.91
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -689.82
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -563.09
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -670.95
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -588.18
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -639.64
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -631.74
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -633.89
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -618.37
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -571.63
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -682.10
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -563.09
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -657.92
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -562.97
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -553.40
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -547.70
```

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0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -572.61
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -611.80
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -665.79
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -544.51
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -608.08
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -595.32
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -544.51
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -137.84
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -5197.6
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5656.7
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -5794.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -6317.2
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7130.7
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7252.6
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6120.8
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5823.4
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5725.5
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -6286.2
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5660.1
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7404.8
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33658.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -99214.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60570.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -10066.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6120.9
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5826.8
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5639.5
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7643.9
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8859.4
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7473.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5722.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5955.6
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -5141.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       621        0        0   0.00000E+00   0.00000E+00   -4297.7
0.00000E+00   0.00000E+00   0.00000E+00
       622        0        0   0.00000E+00   0.00000E+00   -1089.9
0.00000E+00   0.00000E+00   0.00000E+00
       650        0        0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
       651        0        0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
       652        0        0   0.00000E+00   0.00000E+00   -5143.1
0.00000E+00   0.00000E+00   0.00000E+00
       653        0        0   0.00000E+00   0.00000E+00   -4808.3
0.00000E+00   0.00000E+00   0.00000E+00
       654        0        0   0.00000E+00   0.00000E+00   -5826.8
0.00000E+00   0.00000E+00   0.00000E+00
       655        0        0   0.00000E+00   0.00000E+00   -4809.0
0.00000E+00   0.00000E+00   0.00000E+00
       656        0        0   0.00000E+00   0.00000E+00   -6520.3
0.00000E+00   0.00000E+00   0.00000E+00
       657        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
       658        0        0   0.00000E+00   0.00000E+00   -6638.1
0.00000E+00   0.00000E+00   0.00000E+00
       659        0        0   0.00000E+00   0.00000E+00   -5142.5
0.00000E+00   0.00000E+00   0.00000E+00
       660        0        0   0.00000E+00   0.00000E+00   -4814.9
0.00000E+00   0.00000E+00   0.00000E+00
       661        0        0   0.00000E+00   0.00000E+00   -5820.7
0.00000E+00   0.00000E+00   0.00000E+00
       662        0        0   0.00000E+00   0.00000E+00   -4808.9
0.00000E+00   0.00000E+00   0.00000E+00
       663        0        0   0.00000E+00   0.00000E+00   -5157.1
0.00000E+00   0.00000E+00   0.00000E+00
       664        0        0   0.00000E+00   0.00000E+00   -6627.5
0.00000E+00   0.00000E+00   0.00000E+00
       665        0        0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
       666        0        0   0.00000E+00   0.00000E+00  -0.11194E+06
0.00000E+00   0.00000E+00   0.00000E+00
       667        0        0   0.00000E+00   0.00000E+00   -5241.4
0.00000E+00   0.00000E+00   0.00000E+00
       668        0        0   0.00000E+00   0.00000E+00   -5848.4
0.00000E+00   0.00000E+00   0.00000E+00
       669        0        0   0.00000E+00   0.00000E+00   -4808.0
0.00000E+00   0.00000E+00   0.00000E+00
       670        0        0   0.00000E+00   0.00000E+00   -5163.7
0.00000E+00   0.00000E+00   0.00000E+00
       671        0        0   0.00000E+00   0.00000E+00   -5471.4
0.00000E+00   0.00000E+00   0.00000E+00
       672        0        0   0.00000E+00   0.00000E+00   -6300.1
0.00000E+00   0.00000E+00   0.00000E+00
       673        0        0   0.00000E+00   0.00000E+00   -7779.1
0.00000E+00   0.00000E+00   0.00000E+00
       674        0        0   0.00000E+00   0.00000E+00   -6193.4
0.00000E+00   0.00000E+00   0.00000E+00
       675        0        0   0.00000E+00   0.00000E+00   -5809.2
0.00000E+00   0.00000E+00   0.00000E+00
       676        0        0   0.00000E+00   0.00000E+00   -4807.1
0.00000E+00   0.00000E+00   0.00000E+00
       677        0        0   0.00000E+00   0.00000E+00   -1712.1
0.00000E+00   0.00000E+00   0.00000E+00
       678        0        0   0.00000E+00   0.00000E+00   -23.614
0.00000E+00   0.00000E+00   0.00000E+00
       679        0        0   0.00000E+00   0.00000E+00   -5.9886
0.00000E+00   0.00000E+00   0.00000E+00
       707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
       708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
       709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
       710        0        0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
       711        0        0   0.00000E+00   0.00000E+00   -11188.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -103.05
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -1545.8
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -318.82
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -4782.3
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -11182.
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -10991.
0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -9692.0
0.00000E+00   0.00000E+00   0.00000E+00
       831        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
       832        0        0   0.00000E+00   0.00000E+00   -9174.5
0.00000E+00   0.00000E+00   0.00000E+00
       833        0        0   0.00000E+00   0.00000E+00   -9319.4
0.00000E+00   0.00000E+00   0.00000E+00
       834        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
       835        0        0   0.00000E+00   0.00000E+00   -37336.
0.00000E+00   0.00000E+00   0.00000E+00
       836        0        0   0.00000E+00   0.00000E+00  -0.15787E+06
0.00000E+00   0.00000E+00   0.00000E+00
       837        0        0   0.00000E+00   0.00000E+00   -47830.
0.00000E+00   0.00000E+00   0.00000E+00
       838        0        0   0.00000E+00   0.00000E+00   -8574.2
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8543.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9950.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8915.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11508. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13495. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11441. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -460.54 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -140.63 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2109.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 258
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 572

CDM_TRsx - Fz (My) @ 58 (+X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -417.38 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -808.99 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.45 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -718.97 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -934.61 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -928.48 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.45 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -777.89 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -720.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.45 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -807.35 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -875.69 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.4 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -7735.0
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -12756.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -4319.8
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2459.2
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -2779.5
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2652.3
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -3250.5
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3963.5
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3165.6
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2936.3
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2466.2
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2589.4
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2842.5
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2153.6
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2436.3
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2870.1
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2526.3
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1943.1
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2062.8
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2053.6
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1952.3
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2164.1
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1944.1
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2228.1
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1812.2
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2137.9
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1952.3
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2053.6
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2015.0
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1780.8
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2084.1
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1604.7
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1752.5
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2235.2
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1971.0
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1868.8
0.00000E+00   0.00000E+00   0.00000E+00
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531        0        0   0.00000E+00   0.00000E+00   -2064.5
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1780.8
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1947.1
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1448.1
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -2641.3
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -5119.5
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4293.4
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4549.8
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5914.5
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6919.2
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5875.6
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4293.4
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4922.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4560.1
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4293.4
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -5109.1
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5541.6
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6919.2
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -30103.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47555.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -15804.
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4838.6
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -5392.5
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5294.4
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6369.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7797.8
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6205.6
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5795.3
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4882.6
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5013.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5673.0
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2904.2
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -745.82
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.60
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -773.36
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -594.82
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -631.47
```

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0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -628.65
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -597.64
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -662.48
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -595.13
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -682.07
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -554.76
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -654.45
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -597.64
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -628.65
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -616.84
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -545.13
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -637.99
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -491.22
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -536.48
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -684.25
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -603.38
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -572.09
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -632.00
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -545.13
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -596.05
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -443.30
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -3912.3
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -6316.3
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -5738.2
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -5743.8
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -7534.4
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -8850.9
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00   -7524.3
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -5569.0
0.00000E+00   0.00000E+00   0.00000E+00
603       0       0   0.00000E+00   0.00000E+00   -6120.1
0.00000E+00   0.00000E+00   0.00000E+00
604       0       0   0.00000E+00   0.00000E+00   -6004.5
0.00000E+00   0.00000E+00   0.00000E+00
605       0       0   0.00000E+00   0.00000E+00   -5486.5
0.00000E+00   0.00000E+00   0.00000E+00
606       0       0   0.00000E+00   0.00000E+00   -6391.9
0.00000E+00   0.00000E+00   0.00000E+00
607       0       0   0.00000E+00   0.00000E+00   -7186.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
608        0        0   0.00000E+00   0.00000E+00   -33660.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -89845.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60364.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -19986.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5486.5
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -6055.4
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6069.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7211.7
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8850.9
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7040.0
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -6589.0
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5530.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4867.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5065.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2367.6
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5136.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4811.9
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5826.5
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4805.9
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6522.5
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6639.6
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5139.4
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4816.5
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5822.2
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4804.5
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5161.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6626.3
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00  -0.11187E+06
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5240.3
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5923.3
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4804.5
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5165.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5473.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6297.7
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6191.0
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5814.0
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4804.7
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1710.6
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -27.831
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -13.009
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
```

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764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -11182.
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -10991.
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
      830       0       0   0.00000E+00   0.00000E+00   -9692.0
      0.00000E+00   0.00000E+00   0.00000E+00
      831       0       0   0.00000E+00   0.00000E+00   -8372.4
      0.00000E+00   0.00000E+00   0.00000E+00
      832       0       0   0.00000E+00   0.00000E+00   -9174.5
      0.00000E+00   0.00000E+00   0.00000E+00
      833       0       0   0.00000E+00   0.00000E+00   -9319.4
      0.00000E+00   0.00000E+00   0.00000E+00
      834       0       0   0.00000E+00   0.00000E+00   -8372.4
      0.00000E+00   0.00000E+00   0.00000E+00
      835       0       0   0.00000E+00   0.00000E+00   -37336.
      0.00000E+00   0.00000E+00   0.00000E+00
      836       0       0   0.00000E+00   0.00000E+00  -0.15787E+06
      0.00000E+00   0.00000E+00   0.00000E+00
      837       0       0   0.00000E+00   0.00000E+00   -47830.
      0.00000E+00   0.00000E+00   0.00000E+00
      838       0       0   0.00000E+00   0.00000E+00   -8574.2
      0.00000E+00   0.00000E+00   0.00000E+00
      839       0       0   0.00000E+00   0.00000E+00   -8543.2
      0.00000E+00   0.00000E+00   0.00000E+00
      840       0       0   0.00000E+00   0.00000E+00   -9950.7
      0.00000E+00   0.00000E+00   0.00000E+00
      841       0       0   0.00000E+00   0.00000E+00   -8372.4
      0.00000E+00   0.00000E+00   0.00000E+00
      842       0       0   0.00000E+00   0.00000E+00   -8915.8
      0.00000E+00   0.00000E+00   0.00000E+00
      843       0       0   0.00000E+00   0.00000E+00   -11508.
      0.00000E+00   0.00000E+00   0.00000E+00
      844       0       0   0.00000E+00   0.00000E+00   -13495.
      0.00000E+00   0.00000E+00   0.00000E+00
      845       0       0   0.00000E+00   0.00000E+00   -11441.
      0.00000E+00   0.00000E+00   0.00000E+00
      846       0       0   0.00000E+00   0.00000E+00   -8372.4
      0.00000E+00   0.00000E+00   0.00000E+00
      847       0       0   0.00000E+00   0.00000E+00   -8372.4
      0.00000E+00   0.00000E+00   0.00000E+00
      848       0       0   0.00000E+00   0.00000E+00   -460.54
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =          252
          LARGEST NODE OR ELEMENT NUMBER              =          848
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L O A D  C A S E  573

CDM_TRsx - Fz (My) @ 60.5 - Positive - Characteristic

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          CONCENTRATED LOAD
    FIRST    LAST    DIFF         FORCE         FORCE         FORCE
    FORCE         FORCE         FORCE
     NODE    NODE    RNCE            FX            FY            FZ
     MX            MY            MZ
      481       0       0   0.00000E+00   0.00000E+00   -619.75
      0.00000E+00   0.00000E+00   0.00000E+00
      482       0       0   0.00000E+00   0.00000E+00   -705.15
      0.00000E+00   0.00000E+00   0.00000E+00
      483       0       0   0.00000E+00   0.00000E+00   -687.25
      0.00000E+00   0.00000E+00   0.00000E+00
      484       0       0   0.00000E+00   0.00000E+00   -809.25
      0.00000E+00   0.00000E+00   0.00000E+00
      485       0       0   0.00000E+00   0.00000E+00   -871.06
      0.00000E+00   0.00000E+00   0.00000E+00
      486       0       0   0.00000E+00   0.00000E+00   -1093.1
      0.00000E+00   0.00000E+00   0.00000E+00
      487       0       0   0.00000E+00   0.00000E+00   -885.70
```

```
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -765.33
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -731.17
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -676.68
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -804.37
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -1789.0
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -3414.5
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -3963.1
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -12256.
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -14568.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -3609.6
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2735.0
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -2498.2
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2735.0
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -3300.0
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3964.7
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2527.5
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2834.0
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2524.2
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2609.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2170.8
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2327.8
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2870.0
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2351.6
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2242.6
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1840.9
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2198.6
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1916.6
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2091.2
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2064.2
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2067.1
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2025.3
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1859.0
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2238.7
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1840.9
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2132.6
0.00000E+00   0.00000E+00   0.00000E+00
```

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524        0        0   0.00000E+00   0.00000E+00   -1856.3
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1786.2
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1803.4
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1883.1
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1973.8
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2198.5
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1780.0
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1951.1
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1981.4
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1780.0
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2033.6
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1272.8
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -3921.9
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4462.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4349.1
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -5121.1
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5512.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.4
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5604.9
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4843.2
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4627.0
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -5090.3
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4715.8
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6526.0
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7796.0
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -38245.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -48305.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -8305.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5524.5
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -5089.6
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4912.3
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6794.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7806.3
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6662.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4848.8
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5398.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
563       0       0   0.00000E+00   0.00000E+00   -5254.3
0.00000E+00   0.00000E+00   0.00000E+00
564       0       0   0.00000E+00   0.00000E+00   -4874.0
0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -1698.0
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -712.58
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -878.57
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -719.87
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -686.50
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -563.54
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -673.04
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -586.70
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -640.17
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -631.88
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -632.79
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -619.99
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -569.08
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -685.31
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -563.54
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -652.84
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -568.25
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -546.79
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -552.05
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -576.46
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -604.23
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -673.02
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -544.90
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -597.29
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -606.54
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -544.90
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -622.53
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -389.63
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -5197.6
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -5656.7
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -5794.1
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -6317.2
0.00000E+00   0.00000E+00   0.00000E+00
```

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599        0        0   0.00000E+00   0.00000E+00   -7130.7
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7252.6
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6120.8
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5823.4
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5725.5
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -6286.2
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5660.1
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7404.8
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33658.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -99214.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60570.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -10066.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6120.9
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5826.8
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5639.5
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7643.9
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8859.4
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7473.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5722.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5955.6
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -5141.7
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -4297.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -1089.9
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5143.1
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4808.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5826.8
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4809.0
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6520.3
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6638.1
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5142.5
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4814.9
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5820.7
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4808.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -5157.1
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -6627.5
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00  -0.11194E+06
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -5241.4
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -5848.4
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -4808.0
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -5163.7
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -5471.4
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -6300.1
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -7779.1
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -6193.4
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -5809.2
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -4807.1
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1712.1
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -23.614
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -5.9886
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711       0       0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717       0       0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718       0       0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719       0       0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720       0       0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721       0       0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
722       0       0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
723       0       0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
724       0       0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725       0       0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
       728        0        0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
       729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
       730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
       771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -1044.1
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -4186.2
 0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -9433.2
 0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -9060.7
 0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -8372.4
 0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -9805.8
 0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -8688.1
 0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -11182.
 0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -13495.
 0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -10991.
 0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -9692.0
 0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -8372.4
 0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -9174.5
 0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -9319.4
 0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -8372.4
 0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -37336.
 0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00  -0.15787E+06
 0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -47830.
 0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -8574.2
 0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -8543.2
 0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00   -9950.7
 0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -8372.4
 0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -8915.8
 0.00000E+00   0.00000E+00   0.00000E+00
843       0       0   0.00000E+00   0.00000E+00   -11508.
 0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00   -13495.
 0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -11441.
 0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -8372.4
 0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -8372.4
 0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -460.54
 0.00000E+00   0.00000E+00   0.00000E+00

     NUMBER OF LOADED NODES OR ELEMENTS          =          254
     LARGEST NODE OR ELEMENT NUMBER              =          848



     L O A D   C A S E      574

CDM_TRsx - Fz (My) @ 64 - Positive - Characteristic
```

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -620.72 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -701.95 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -696.29 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -798.13 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -874.91 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1092.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -876.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -793.28 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -711.00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2477.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2578.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2544.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3388.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3962.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12276. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14512. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3682.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2702.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2455.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2852.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3224.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3962.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3271.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2590.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2837.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2455.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2645.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2035.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2339.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2367.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2214.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1841.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2224.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
      515        0        0   0.00000E+00   0.00000E+00   -1891.8
0.00000E+00   0.00000E+00   0.00000E+00
      516        0        0   0.00000E+00   0.00000E+00   -2114.4
0.00000E+00   0.00000E+00   0.00000E+00
      517        0        0   0.00000E+00   0.00000E+00   -2040.9
0.00000E+00   0.00000E+00   0.00000E+00
      518        0        0   0.00000E+00   0.00000E+00   -2090.0
0.00000E+00   0.00000E+00   0.00000E+00
      519        0        0   0.00000E+00   0.00000E+00   -2005.1
0.00000E+00   0.00000E+00   0.00000E+00
      520        0        0   0.00000E+00   0.00000E+00   -1876.2
0.00000E+00   0.00000E+00   0.00000E+00
      521        0        0   0.00000E+00   0.00000E+00   -2222.0
0.00000E+00   0.00000E+00   0.00000E+00
      522        0        0   0.00000E+00   0.00000E+00   -1841.7
0.00000E+00   0.00000E+00   0.00000E+00
      523        0        0   0.00000E+00   0.00000E+00   -2148.9
0.00000E+00   0.00000E+00   0.00000E+00
      524        0        0   0.00000E+00   0.00000E+00   -1841.8
0.00000E+00   0.00000E+00   0.00000E+00
      525        0        0   0.00000E+00   0.00000E+00   -1798.4
0.00000E+00   0.00000E+00   0.00000E+00
      526        0        0   0.00000E+00   0.00000E+00   -1795.1
0.00000E+00   0.00000E+00   0.00000E+00
      527        0        0   0.00000E+00   0.00000E+00   -1879.2
0.00000E+00   0.00000E+00   0.00000E+00
      528        0        0   0.00000E+00   0.00000E+00   -1981.7
0.00000E+00   0.00000E+00   0.00000E+00
      529        0        0   0.00000E+00   0.00000E+00   -2192.7
0.00000E+00   0.00000E+00   0.00000E+00
      530        0        0   0.00000E+00   0.00000E+00   -1780.7
0.00000E+00   0.00000E+00   0.00000E+00
      531        0        0   0.00000E+00   0.00000E+00   -1956.1
0.00000E+00   0.00000E+00   0.00000E+00
      532        0        0   0.00000E+00   0.00000E+00   -1977.1
0.00000E+00   0.00000E+00   0.00000E+00
      533        0        0   0.00000E+00   0.00000E+00   -1780.7
0.00000E+00   0.00000E+00   0.00000E+00
      534        0        0   0.00000E+00   0.00000E+00   -2035.0
0.00000E+00   0.00000E+00   0.00000E+00
      535        0        0   0.00000E+00   0.00000E+00   -1272.1
0.00000E+00   0.00000E+00   0.00000E+00
      538        0        0   0.00000E+00   0.00000E+00   -3928.1
0.00000E+00   0.00000E+00   0.00000E+00
      539        0        0   0.00000E+00   0.00000E+00   -4442.1
0.00000E+00   0.00000E+00   0.00000E+00
      540        0        0   0.00000E+00   0.00000E+00   -4406.3
0.00000E+00   0.00000E+00   0.00000E+00
      541        0        0   0.00000E+00   0.00000E+00   -5050.8
0.00000E+00   0.00000E+00   0.00000E+00
      542        0        0   0.00000E+00   0.00000E+00   -5536.7
0.00000E+00   0.00000E+00   0.00000E+00
      543        0        0   0.00000E+00   0.00000E+00   -6915.1
0.00000E+00   0.00000E+00   0.00000E+00
      544        0        0   0.00000E+00   0.00000E+00   -5546.9
0.00000E+00   0.00000E+00   0.00000E+00
      545        0        0   0.00000E+00   0.00000E+00   -5020.1
0.00000E+00   0.00000E+00   0.00000E+00
      546        0        0   0.00000E+00   0.00000E+00   -4440.0
0.00000E+00   0.00000E+00   0.00000E+00
      547        0        0   0.00000E+00   0.00000E+00   -4956.5
0.00000E+00   0.00000E+00   0.00000E+00
      548        0        0   0.00000E+00   0.00000E+00   -5590.8
0.00000E+00   0.00000E+00   0.00000E+00
      549        0        0   0.00000E+00   0.00000E+00   -4843.0
0.00000E+00   0.00000E+00   0.00000E+00
      550        0        0   0.00000E+00   0.00000E+00   -6598.2
0.00000E+00   0.00000E+00   0.00000E+00
      551        0        0   0.00000E+00   0.00000E+00   -7793.7
0.00000E+00   0.00000E+00   0.00000E+00
      552        0        0   0.00000E+00   0.00000E+00   -38480.
0.00000E+00   0.00000E+00   0.00000E+00
      553        0        0   0.00000E+00   0.00000E+00   -47946.
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0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5624.1
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4815.9
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5368.1
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6506.5
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7793.7
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6469.9
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5000.8
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562        0        0   0.00000E+00   0.00000E+00   -5660.4
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4815.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4874.0
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1058.6
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -716.28
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.60
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -724.88
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569        0        0   0.00000E+00   0.00000E+00   -677.93
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0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -680.96
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -579.11
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573        0        0   0.00000E+00   0.00000E+00   -647.26
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574        0        0   0.00000E+00   0.00000E+00   -624.76
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578        0        0   0.00000E+00   0.00000E+00   -680.20
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579        0        0   0.00000E+00   0.00000E+00   -563.77
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581        0        0   0.00000E+00   0.00000E+00   -563.81
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582        0        0   0.00000E+00   0.00000E+00   -550.53
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583        0        0   0.00000E+00   0.00000E+00   -549.53
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586        0        0   0.00000E+00   0.00000E+00   -671.22
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588        0        0   0.00000E+00   0.00000E+00   -598.81
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -605.24
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
592 0 0 0.00000E+00 0.00000E+00 -389.42
0.00000E+00 0.00000E+00 0.00000E+00
593 0 0 0.00000E+00 0.00000E+00 -588.77
0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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652 0 0 0.00000E+00 0.00000E+00 -5143.1
0.00000E+00 0.00000E+00 0.00000E+00
653 0 0 0.00000E+00 0.00000E+00 -4808.2

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0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -5827.1
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655       0       0   0.00000E+00   0.00000E+00   -4808.7
0.00000E+00   0.00000E+00   0.00000E+00
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659       0       0   0.00000E+00   0.00000E+00   -5143.4
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664       0       0   0.00000E+00   0.00000E+00   -6628.0
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669       0       0   0.00000E+00   0.00000E+00   -4808.6
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677       0       0   0.00000E+00   0.00000E+00   -1709.7
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713       0       0   0.00000E+00   0.00000E+00   -12670.
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720        0        0   0.00000E+00   0.00000E+00   -9675.5
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721        0        0   0.00000E+00   0.00000E+00   -33627.
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724        0        0   0.00000E+00   0.00000E+00   -9590.4
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772        0        0   0.00000E+00   0.00000E+00   -24918.
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782        0        0   0.00000E+00   0.00000E+00   -19369.
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787       0       0   0.00000E+00   0.00000E+00   -30596.
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789       0       0   0.00000E+00   0.00000E+00   -18982.
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790       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -11182.
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -10991.
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -9692.0
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -9174.5
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -9319.4
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -37336.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00  -0.15787E+06
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -47830.
0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -8574.2
0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -8543.2
0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00   -9950.7
0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -8915.8
0.00000E+00   0.00000E+00   0.00000E+00
843       0       0   0.00000E+00   0.00000E+00   -11508.
0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -11441.
0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -460.54 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 254
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 575

CDM_TRsx - Fz (My) @ 70 (-X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | | |
| FORCE | FORCE | FORCE | | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | | |
| MX | MY | MZ | | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -71.572 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -787.29 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -709.21 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -904.41 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -996.99 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2552.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2455.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2729.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2698.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2455.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3408.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3975.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12354. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14490. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3557.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2827.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2455.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2729.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3306.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3962.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3311.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2487.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

```
505        0        0   0.00000E+00   0.00000E+00   -2923.3
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2471.5
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2529.2
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2149.9
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2301.6
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2869.8
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2345.6
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2244.1
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1868.7
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2142.6
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1970.2
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2041.1
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2114.5
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2017.5
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2068.9
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1823.0
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2272.4
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1840.4
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2097.4
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1887.7
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1778.6
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1777.3
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1916.5
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1956.7
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2211.3
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1778.6
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1940.4
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1990.5
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1778.6
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2030.7
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1274.3
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -452.92
0.00000E+00   0.00000E+00   0.00000E+00
538      539        1   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4982.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4488.1
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5723.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.4
```

```
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5712.5
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -5444.3
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4826.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -5419.9
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -5253.7
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4826.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6724.9
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7878.3
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -38481.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47797.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -8641.7
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5449.9
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4826.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5498.4
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6419.4
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7795.9
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6460.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5032.5
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5636.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4831.6
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4849.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1089.1
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -704.57
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.50
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -718.05
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -686.97
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -572.06
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -655.90
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -603.13
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -624.82
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -647.28
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -617.60
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -633.33
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -558.06
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -695.65
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -563.38
0.00000E+00   0.00000E+00   0.00000E+00
```

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580        0        0   0.00000E+00   0.00000E+00   -642.07
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -577.86
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -544.46
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -544.07
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -586.69
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -598.98
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -676.92
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -544.46
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -593.99
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -609.35
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -544.46
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -621.63
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -390.10
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1800.6
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -5559.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5475.9
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6429.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5681.9
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7342.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7330.1
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6177.6
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5477.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -6262.8
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5847.1
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5562.0
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7616.6
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33741.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -99431.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60059.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -10438.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6012.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5563.4
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6259.4
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7246.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8849.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
617       0       0   0.00000E+00   0.00000E+00   -7261.4
0.00000E+00   0.00000E+00   0.00000E+00
618       0       0   0.00000E+00   0.00000E+00   -5929.3
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -6177.7
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -4713.0
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -4297.7
0.00000E+00   0.00000E+00   0.00000E+00
622       0       0   0.00000E+00   0.00000E+00   -454.56
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -5467.5
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -5145.1
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -4807.3
0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -5830.3
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -4805.5
0.00000E+00   0.00000E+00   0.00000E+00
656       0       0   0.00000E+00   0.00000E+00   -6521.4
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -6638.6
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -5142.8
0.00000E+00   0.00000E+00   0.00000E+00
660       0       0   0.00000E+00   0.00000E+00   -4813.0
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -5823.6
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -4806.5
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -5156.5
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -6628.7
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00  -0.11194E+06
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -5238.6
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -5850.4
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -4807.4
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -5162.3
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -5474.8
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -6297.9
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -6192.2
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -5810.4
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -4808.3
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1709.8
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -23.614
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -2.4976
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
       708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
       709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
       710        0        0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
       711        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
       712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
       713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
       714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
       715        0        0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
       718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
       719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
       721        0        0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
       722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
       723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
       724        0        0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
       725        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
       726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
       728        0        0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
       729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
       730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
       771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -24918.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -11182.
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -10991.
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -9692.0
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -9174.5
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -9319.4
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -37336.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00  -0.15787E+06
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -47830.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8574.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8543.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9950.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8915.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11508. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13495. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11441. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -460.54 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 256
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 576

CDM_TRsx - Fz (My) @ 70 (+X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -71.572 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -787.29 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -709.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -904.41 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -996.99 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2552.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2455.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2729.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2698.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2455.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3408.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3975.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
495        0        0   0.00000E+00   0.00000E+00   -12354.
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -14490.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -3557.4
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2827.1
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -2455.2
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2729.7
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -3306.1
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3962.9
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3311.4
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2487.8
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2923.3
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2471.5
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2529.2
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2149.9
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2301.6
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2869.8
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2345.6
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2244.1
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1868.7
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2142.6
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1970.2
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2041.1
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2114.5
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2017.5
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2068.9
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1823.0
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2272.4
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1840.4
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2097.4
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1887.7
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1778.6
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1777.3
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1916.5
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1956.7
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2211.3
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1778.6
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1940.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1990.5
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1778.6
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2030.7
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1274.3
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -452.92
0.00000E+00   0.00000E+00   0.00000E+00
538      539        1   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4982.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4488.1
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5723.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.4
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5712.5
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -5444.3
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4826.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -5419.9
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -5253.7
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4826.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6724.9
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7878.3
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -38481.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47797.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -8641.7
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5449.9
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4826.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5498.4
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6419.4
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7795.9
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6460.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5032.5
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5636.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4831.6
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4849.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1089.1
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -704.57
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.50
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -718.05
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -686.97
0.00000E+00   0.00000E+00   0.00000E+00
```

```
570        0        0   0.00000E+00   0.00000E+00   -572.06
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -655.90
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -603.13
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -624.82
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -647.28
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -617.60
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -633.33
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -558.06
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -695.65
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -563.38
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -642.07
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -577.86
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -544.46
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -544.07
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -586.69
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -598.98
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -676.92
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -544.46
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -593.99
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -609.35
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -544.46
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -621.63
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -390.10
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1800.6
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -5559.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5475.9
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6429.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5681.9
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7342.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7330.1
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6177.6
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5477.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -6262.8
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5847.1
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5562.0
```

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      0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7616.6
      0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33741.
      0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -99431.
      0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60059.
      0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -10438.
      0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6012.4
      0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5563.4
      0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6259.4
      0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7246.2
      0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8849.1
      0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7261.4
      0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5929.3
      0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -6177.7
      0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4713.0
      0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -4297.7
      0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -454.56
      0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
      0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5467.5
      0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5145.1
      0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4807.3
      0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5830.3
      0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4805.5
      0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6521.4
      0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
      0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6638.6
      0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5142.8
      0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4813.0
      0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5823.6
      0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4806.5
      0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5156.5
      0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6628.7
      0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -58390.
      0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00  -0.11194E+06
      0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5238.6
      0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5850.4
      0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4807.4
      0.00000E+00   0.00000E+00   0.00000E+00
```

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670        0        0   0.00000E+00   0.00000E+00   -5162.3
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5474.8
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6297.9
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6192.2
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5810.4
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4808.3
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1709.8
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -23.614
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2.4976
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9432.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
764       0       0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
766       0       0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -11182.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13495. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10991. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9692.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9174.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9319.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -37336. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.15787E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47830. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8574.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8543.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9950.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8915.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11508. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13495. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11441. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -460.54 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 256
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 577

CDM_TRsx - Fz (My) @ 75.5 - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -71.572 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -787.29 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -709.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
485        0        0   0.00000E+00   0.00000E+00   -904.41
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1093.1
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -1791.2
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -2766.9
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -2623.7
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -2547.9
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -2773.6
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -2578.1
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -3302.6
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -3976.9
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -12113.
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -14838.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -3502.3
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2570.1
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -2807.6
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2560.9
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -3302.7
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3963.9
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3255.3
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2748.8
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2573.9
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2622.4
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2670.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1858.2
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2450.4
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2870.8
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2517.8
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1957.8
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2033.0
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2092.7
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1898.1
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2227.5
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1877.1
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2300.1
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1820.4
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2033.5
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2068.8
```

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0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1922.0
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2146.2
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1786.6
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1910.3
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1719.4
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1843.7
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2054.2
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2138.5
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1786.6
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -2001.5
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1938.1
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1786.6
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2047.2
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1265.5
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -452.92
0.00000E+00   0.00000E+00   0.00000E+00
538      539        1   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4982.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4488.1
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5723.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.4
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5955.6
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -5509.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4878.2
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -5364.4
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -5276.7
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4864.3
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6692.6
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7878.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -38408.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47903.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -8624.8
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5371.2
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4934.5
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5446.7
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6418.3
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7796.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
560        0        0   0.00000E+00   0.00000E+00   -6443.0
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5112.4
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5529.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4877.8
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4892.6
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -999.85
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -750.13
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.81
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -770.76
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -599.33
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -622.34
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -640.61
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -581.06
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -681.89
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -574.64
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -704.11
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -557.26
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -622.49
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -633.30
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -588.37
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -657.01
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -546.92
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -584.77
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -526.35
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -564.39
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -628.83
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -654.64
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -546.92
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -612.72
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -593.31
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -546.92
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -626.69
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -387.39
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1800.6
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -5559.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5475.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -6429.5
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -5681.9
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -7342.5
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00   -7330.1
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -6177.6
0.00000E+00   0.00000E+00   0.00000E+00
603       0       0   0.00000E+00   0.00000E+00   -5477.3
0.00000E+00   0.00000E+00   0.00000E+00
604       0       0   0.00000E+00   0.00000E+00   -6262.8
0.00000E+00   0.00000E+00   0.00000E+00
605       0       0   0.00000E+00   0.00000E+00   -5847.1
0.00000E+00   0.00000E+00   0.00000E+00
606       0       0   0.00000E+00   0.00000E+00   -5562.0
0.00000E+00   0.00000E+00   0.00000E+00
607       0       0   0.00000E+00   0.00000E+00   -7616.6
0.00000E+00   0.00000E+00   0.00000E+00
608       0       0   0.00000E+00   0.00000E+00   -33741.
0.00000E+00   0.00000E+00   0.00000E+00
609       0       0   0.00000E+00   0.00000E+00   -99431.
0.00000E+00   0.00000E+00   0.00000E+00
610       0       0   0.00000E+00   0.00000E+00   -60059.
0.00000E+00   0.00000E+00   0.00000E+00
611       0       0   0.00000E+00   0.00000E+00   -10438.
0.00000E+00   0.00000E+00   0.00000E+00
612       0       0   0.00000E+00   0.00000E+00   -6012.4
0.00000E+00   0.00000E+00   0.00000E+00
613       0       0   0.00000E+00   0.00000E+00   -5563.4
0.00000E+00   0.00000E+00   0.00000E+00
614       0       0   0.00000E+00   0.00000E+00   -6259.4
0.00000E+00   0.00000E+00   0.00000E+00
615       0       0   0.00000E+00   0.00000E+00   -7246.2
0.00000E+00   0.00000E+00   0.00000E+00
616       0       0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
617       0       0   0.00000E+00   0.00000E+00   -7261.4
0.00000E+00   0.00000E+00   0.00000E+00
618       0       0   0.00000E+00   0.00000E+00   -5929.3
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -6177.7
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -4713.0
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -4297.7
0.00000E+00   0.00000E+00   0.00000E+00
622       0       0   0.00000E+00   0.00000E+00   -454.56
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -5467.5
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -5145.1
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -4807.3
0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -5830.3
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -4805.5
0.00000E+00   0.00000E+00   0.00000E+00
656       0       0   0.00000E+00   0.00000E+00   -6521.4
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -6638.6
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -5142.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
660        0        0   0.00000E+00   0.00000E+00   -4813.0
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5823.6
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4806.5
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5156.5
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6628.7
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00  -0.11194E+06
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5238.6
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5850.4
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4807.4
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5162.3
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5474.8
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6297.9
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6192.2
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5810.4
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4808.3
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1709.8
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -23.614
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2.4976
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
```

```
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 789 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -18982. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -18982. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1044.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 821 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4186.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 822 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9433.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 823 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9060.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 824 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 825 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9805.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8688.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11182. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13495. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10991. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9692.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9174.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9319.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -37336. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.15787E+06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47830. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8574.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8543.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9950.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8915.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11508. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13495. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11441. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -460.54 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

| | | |
|---|---|---|
| NUMBER OF LOADED NODES OR ELEMENTS | = | 256 |
| LARGEST NODE OR ELEMENT NUMBER | = | 848 |

L O A D C A S E 578

CDM_TRsx - Fz (My) @ 81 - Positive - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -417.74 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -808.41 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -720.73 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2014.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3963.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3323.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2467.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2930.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2500.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2524.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2904.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3168.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3963.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3235.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2695.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2740.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2462.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2783.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2652.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3249.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3963.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3153.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2947.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2481.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2501.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2219.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1784.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2411.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2464.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2048.8 | | | |

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0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1947.5
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2174.9
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1846.2
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2251.4
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1903.2
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2225.7
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1885.9
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1977.8
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2123.1
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1873.2
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2189.2
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1784.5
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1870.7
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1746.3
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1856.3
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2028.5
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2157.7
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1784.5
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1985.5
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1952.0
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1784.5
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2094.2
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -12428.
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -2643.6
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -5115.8
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4561.0
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -6238.2
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -7797.7
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -6600.2
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4839.5
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -5610.2
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -5074.6
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4857.0
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -5788.4
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6218.6
0.00000E+00   0.00000E+00   0.00000E+00
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551        0        0   0.00000E+00   0.00000E+00   -7797.7
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -6386.8
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -5243.0
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -5443.2
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4838.0
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -5456.4
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5229.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6391.2
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7797.7
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6214.2
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5801.6
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4843.9
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4849.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1308.2
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -546.29
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -738.15
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.75
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -754.52
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -627.18
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -596.17
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -665.78
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -565.15
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -689.21
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -582.61
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -681.34
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -577.31
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -605.44
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -649.93
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -573.42
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -670.17
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -546.29
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -572.65
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -534.57
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -568.26
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -620.98
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -660.52
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -546.29
```

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0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -607.80
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -597.55
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -546.29
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -949.82
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -40857.
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -3914.6
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -6312.5
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -5736.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5755.0
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7527.1
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8850.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7515.1
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -5567.3
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -6150.2
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5972.6
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5484.8
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -6431.3
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7160.1
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8850.6
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7288.2
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5840.4
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -6282.3
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5484.8
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -6121.6
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6001.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7234.6
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8850.6
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7052.9
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -6592.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5484.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4722.6
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -663.28
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -345.50
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -89495.
0.00000E+00   0.00000E+00   0.00000E+00
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650        0        0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5136.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4811.9
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5826.5
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6522.4
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6639.6
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5139.4
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4816.7
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5822.0
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4804.5
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5161.3
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6626.2
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6515.4
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -4820.7
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5818.0
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4804.5
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5165.3
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5473.4
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6297.8
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6191.1
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5814.0
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4804.5
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1709.8
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -3.6444
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -82.498
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -79463.
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4700.7
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10747.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10071.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9407.1
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11411.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9401.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -12762.
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00   -15222.
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00   -12993.
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -10060.
0.00000E+00   0.00000E+00   0.00000E+00
717       0       0   0.00000E+00   0.00000E+00   -9418.3
0.00000E+00   0.00000E+00   0.00000E+00
718       0       0   0.00000E+00   0.00000E+00   -11400.
0.00000E+00   0.00000E+00   0.00000E+00
719       0       0   0.00000E+00   0.00000E+00   -9401.5
0.00000E+00   0.00000E+00   0.00000E+00
720       0       0   0.00000E+00   0.00000E+00   -10094.
0.00000E+00   0.00000E+00   0.00000E+00
721       0       0   0.00000E+00   0.00000E+00   -43887.
0.00000E+00   0.00000E+00   0.00000E+00
722       0       0   0.00000E+00   0.00000E+00  -0.13064E+06
0.00000E+00   0.00000E+00   0.00000E+00
723       0       0   0.00000E+00   0.00000E+00   -31301.
0.00000E+00   0.00000E+00   0.00000E+00
724       0       0   0.00000E+00   0.00000E+00   -9429.6
0.00000E+00   0.00000E+00   0.00000E+00
725       0       0   0.00000E+00   0.00000E+00   -11389.
0.00000E+00   0.00000E+00   0.00000E+00
726       0       0   0.00000E+00   0.00000E+00   -9401.5
0.00000E+00   0.00000E+00   0.00000E+00
727       0       0   0.00000E+00   0.00000E+00   -10105.
0.00000E+00   0.00000E+00   0.00000E+00
728       0       0   0.00000E+00   0.00000E+00   -10713.
0.00000E+00   0.00000E+00   0.00000E+00
729       0       0   0.00000E+00   0.00000E+00   -12323.
0.00000E+00   0.00000E+00   0.00000E+00
730       0       0   0.00000E+00   0.00000E+00   -15222.
0.00000E+00   0.00000E+00   0.00000E+00
731       0       0   0.00000E+00   0.00000E+00   -12115.
0.00000E+00   0.00000E+00   0.00000E+00
732       0       0   0.00000E+00   0.00000E+00   -11377.
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -9401.5
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -3315.8
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00   -55.662
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -84804.
0.00000E+00   0.00000E+00   0.00000E+00
764       0       0   0.00000E+00   0.00000E+00   -9442.7
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -21588.
0.00000E+00   0.00000E+00   0.00000E+00
766       0       0   0.00000E+00   0.00000E+00   -20231.
0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -22923.
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -25637.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -30578.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -26100.
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -20208.
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -18919.
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -22900.
0.00000E+00   0.00000E+00   0.00000E+00
```

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776        0        0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -20276.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -68967.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.19078E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -51361.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -18942.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -22877.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -20299.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -21520.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -24754.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30578.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -24336.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -22855.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -6660.8
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4164.9
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -9522.0
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -8923.5
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -8334.9
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -10111.
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -8329.9
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -11308.
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -13487.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -11512.
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -8913.5
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -8344.9
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -10101.
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -8329.9
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -8943.4
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -50164.
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00  -0.15786E+06
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -34501.
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -8354.8
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -10091.
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -8329.9
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -8953.4
```

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      0.00000E+00   0.00000E+00   0.00000E+00
      842       0       0   0.00000E+00   0.00000E+00   -9492.1
      0.00000E+00   0.00000E+00   0.00000E+00
      843       0       0   0.00000E+00   0.00000E+00   -10919.
      0.00000E+00   0.00000E+00   0.00000E+00
      844       0       0   0.00000E+00   0.00000E+00   -13487.
      0.00000E+00   0.00000E+00   0.00000E+00
      845       0       0   0.00000E+00   0.00000E+00   -10734.
      0.00000E+00   0.00000E+00   0.00000E+00
      846       0       0   0.00000E+00   0.00000E+00   -10081.
      0.00000E+00   0.00000E+00   0.00000E+00
      847       0       0   0.00000E+00   0.00000E+00   -8329.9
      0.00000E+00   0.00000E+00   0.00000E+00
      848       0       0   0.00000E+00   0.00000E+00   -2937.9
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =          258
          LARGEST NODE OR ELEMENT NUMBER              =          848
```

L O A D C A S E 579

CDM_TRsx - Fz (My) @ 0 - Positive - Frequent

```
          CONCENTRATED LOAD
    FIRST    LAST    DIFF          FORCE          FORCE          FORCE
    FORCE          FORCE          FORCE
     NODE    NODE    RNCE             FX             FY             FZ
     MX             MY             MZ
      479       0       0   0.00000E+00   0.00000E+00   -442.14
      0.00000E+00   0.00000E+00   0.00000E+00
      480       0       0   0.00000E+00   0.00000E+00   -834.58
      0.00000E+00   0.00000E+00   0.00000E+00
      481       0       0   0.00000E+00   0.00000E+00   -752.63
      0.00000E+00   0.00000E+00   0.00000E+00
      482       0       0   0.00000E+00   0.00000E+00   -721.91
      0.00000E+00   0.00000E+00   0.00000E+00
      483       0       0   0.00000E+00   0.00000E+00   -844.79
      0.00000E+00   0.00000E+00   0.00000E+00
      484       0       0   0.00000E+00   0.00000E+00   -706.55
      0.00000E+00   0.00000E+00   0.00000E+00
      485       0       0   0.00000E+00   0.00000E+00   -967.66
      0.00000E+00   0.00000E+00   0.00000E+00
      486       0       0   0.00000E+00   0.00000E+00   -1146.9
      0.00000E+00   0.00000E+00   0.00000E+00
      487       0       0   0.00000E+00   0.00000E+00   -1003.5
      0.00000E+00   0.00000E+00   0.00000E+00
      488       0       0   0.00000E+00   0.00000E+00   -721.91
      0.00000E+00   0.00000E+00   0.00000E+00
      489       0       0   0.00000E+00   0.00000E+00   -752.63
      0.00000E+00   0.00000E+00   0.00000E+00
      490       0       0   0.00000E+00   0.00000E+00   -814.07
      0.00000E+00   0.00000E+00   0.00000E+00
      491       0       0   0.00000E+00   0.00000E+00   -706.55
      0.00000E+00   0.00000E+00   0.00000E+00
      492       0       0   0.00000E+00   0.00000E+00   -814.07
      0.00000E+00   0.00000E+00   0.00000E+00
      493       0       0   0.00000E+00   0.00000E+00   -942.07
      0.00000E+00   0.00000E+00   0.00000E+00
      494       0       0   0.00000E+00   0.00000E+00   -1146.9
      0.00000E+00   0.00000E+00   0.00000E+00
      495       0       0   0.00000E+00   0.00000E+00   -936.95
      0.00000E+00   0.00000E+00   0.00000E+00
      496       0       0   0.00000E+00   0.00000E+00   -706.55
      0.00000E+00   0.00000E+00   0.00000E+00
      497       0       0   0.00000E+00   0.00000E+00   -76.799
```

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      0.00000E+00   0.00000E+00   0.00000E+00
506         0         0   0.00000E+00   0.00000E+00   -14.956
      0.00000E+00   0.00000E+00   0.00000E+00
507         0         0   0.00000E+00   0.00000E+00   -271.27
      0.00000E+00   0.00000E+00   0.00000E+00
508         0         0   0.00000E+00   0.00000E+00   -271.27
      0.00000E+00   0.00000E+00   0.00000E+00
509         0         0   0.00000E+00   0.00000E+00   -370.81
      0.00000E+00   0.00000E+00   0.00000E+00
510         0         0   0.00000E+00   0.00000E+00   -437.34
      0.00000E+00   0.00000E+00   0.00000E+00
511         0         0   0.00000E+00   0.00000E+00   -937.26
      0.00000E+00   0.00000E+00   0.00000E+00
512         0         0   0.00000E+00   0.00000E+00   -1106.1
      0.00000E+00   0.00000E+00   0.00000E+00
513         0         0   0.00000E+00   0.00000E+00   -1130.4
      0.00000E+00   0.00000E+00   0.00000E+00
514         0         0   0.00000E+00   0.00000E+00   -1124.8
      0.00000E+00   0.00000E+00   0.00000E+00
515         0         0   0.00000E+00   0.00000E+00   -1111.6
      0.00000E+00   0.00000E+00   0.00000E+00
516         0         0   0.00000E+00   0.00000E+00   -1143.6
      0.00000E+00   0.00000E+00   0.00000E+00
517         0         0   0.00000E+00   0.00000E+00   -1138.8
      0.00000E+00   0.00000E+00   0.00000E+00
518         0         0   0.00000E+00   0.00000E+00   -4878.2
      0.00000E+00   0.00000E+00   0.00000E+00
519         0         0   0.00000E+00   0.00000E+00   -10324.
      0.00000E+00   0.00000E+00   0.00000E+00
520         0         0   0.00000E+00   0.00000E+00   -4559.4
      0.00000E+00   0.00000E+00   0.00000E+00
521         0         0   0.00000E+00   0.00000E+00   -1103.8
      0.00000E+00   0.00000E+00   0.00000E+00
522         0         0   0.00000E+00   0.00000E+00   -1134.9
      0.00000E+00   0.00000E+00   0.00000E+00
523         0         0   0.00000E+00   0.00000E+00   -1075.7
      0.00000E+00   0.00000E+00   0.00000E+00
524         0         0   0.00000E+00   0.00000E+00   -1078.0
      0.00000E+00   0.00000E+00   0.00000E+00
525         0         0   0.00000E+00   0.00000E+00   -1020.4
      0.00000E+00   0.00000E+00   0.00000E+00
526         0         0   0.00000E+00   0.00000E+00   -943.37
      0.00000E+00   0.00000E+00   0.00000E+00
527         0         0   0.00000E+00   0.00000E+00   -1032.8
      0.00000E+00   0.00000E+00   0.00000E+00
528         0         0   0.00000E+00   0.00000E+00   -1147.9
      0.00000E+00   0.00000E+00   0.00000E+00
529         0         0   0.00000E+00   0.00000E+00   -1146.5
      0.00000E+00   0.00000E+00   0.00000E+00
530         0         0   0.00000E+00   0.00000E+00   -603.87
      0.00000E+00   0.00000E+00   0.00000E+00
531         0         0   0.00000E+00   0.00000E+00   -312.02
      0.00000E+00   0.00000E+00   0.00000E+00
532       533         1   0.00000E+00   0.00000E+00   -271.27
      0.00000E+00   0.00000E+00   0.00000E+00
534         0         0   0.00000E+00   0.00000E+00   -28.365
      0.00000E+00   0.00000E+00   0.00000E+00
536         0         0   0.00000E+00   0.00000E+00   -670.52
      0.00000E+00   0.00000E+00   0.00000E+00
537         0         0   0.00000E+00   0.00000E+00   -378.98
      0.00000E+00   0.00000E+00   0.00000E+00
538         0         0   0.00000E+00   0.00000E+00   -230.40
      0.00000E+00   0.00000E+00   0.00000E+00
539         0         0   0.00000E+00   0.00000E+00   -220.99
      0.00000E+00   0.00000E+00   0.00000E+00
540         0         0   0.00000E+00   0.00000E+00   -258.61
      0.00000E+00   0.00000E+00   0.00000E+00
541         0         0   0.00000E+00   0.00000E+00   -216.29
      0.00000E+00   0.00000E+00   0.00000E+00
542         0         0   0.00000E+00   0.00000E+00   -296.22
      0.00000E+00   0.00000E+00   0.00000E+00
543         0         0   0.00000E+00   0.00000E+00   -351.08
      0.00000E+00   0.00000E+00   0.00000E+00
```

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544        0        0   0.00000E+00   0.00000E+00   -307.20
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -220.99
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -230.40
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -249.20
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -216.29
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -249.20
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -288.39
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.08
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -286.82
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -216.29
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -23.510
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -94.646
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2346.6
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2603.5
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2124.6
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2237.3
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2229.7
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2132.1
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -2334.9
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -2134.6
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -15711.
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -35018.
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -14563.
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2123.9
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2238.7
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2171.4
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1963.6
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -2234.8
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1754.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1918.7
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -2413.6
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2149.2
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1914.8
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1974.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
589     590       1   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -179.50
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -564.41
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -130.25
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -261.32
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -2195.3
0.00000E+00   0.00000E+00   0.00000E+00
622       0       0   0.00000E+00   0.00000E+00   -2288.4
0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -2965.0
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -3540.5
0.00000E+00   0.00000E+00   0.00000E+00
625       0       0   0.00000E+00   0.00000E+00   -3075.3
0.00000E+00   0.00000E+00   0.00000E+00
626       0       0   0.00000E+00   0.00000E+00   -2459.7
0.00000E+00   0.00000E+00   0.00000E+00
627       0       0   0.00000E+00   0.00000E+00   -2511.2
0.00000E+00   0.00000E+00   0.00000E+00
628       0       0   0.00000E+00   0.00000E+00   -2539.5
0.00000E+00   0.00000E+00   0.00000E+00
629       0       0   0.00000E+00   0.00000E+00   -2431.4
0.00000E+00   0.00000E+00   0.00000E+00
630       0       0   0.00000E+00   0.00000E+00   -2619.2
0.00000E+00   0.00000E+00   0.00000E+00
631       0       0   0.00000E+00   0.00000E+00   -2462.5
0.00000E+00   0.00000E+00   0.00000E+00
632       0       0   0.00000E+00   0.00000E+00   -43010.
0.00000E+00   0.00000E+00   0.00000E+00
633       0       0   0.00000E+00   0.00000E+00   -76537.
0.00000E+00   0.00000E+00   0.00000E+00
634       0       0   0.00000E+00   0.00000E+00   -19682.
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -2475.4
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -2495.5
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -2488.7
0.00000E+00   0.00000E+00   0.00000E+00
638       0       0   0.00000E+00   0.00000E+00   -2235.2
0.00000E+00   0.00000E+00   0.00000E+00
639       0       0   0.00000E+00   0.00000E+00   -2499.9
0.00000E+00   0.00000E+00   0.00000E+00
640       0       0   0.00000E+00   0.00000E+00   -2014.0
0.00000E+00   0.00000E+00   0.00000E+00
641       0       0   0.00000E+00   0.00000E+00   -2198.8
0.00000E+00   0.00000E+00   0.00000E+00
642       0       0   0.00000E+00   0.00000E+00   -2695.4
0.00000E+00   0.00000E+00   0.00000E+00
643       0       0   0.00000E+00   0.00000E+00   -2488.7
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -2296.8
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -2494.0
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -2255.2
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -2195.3
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -719.08
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -339.32
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -3.1011
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00  -0.71565
0.00000E+00   0.00000E+00   0.00000E+00
```

```
677        0        0   0.00000E+00   0.00000E+00   -675.84
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1927.4
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2305.6
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2489.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3112.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2580.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2349.3
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2108.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2248.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2209.6
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2147.1
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2360.6
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -50032.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -68454.
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5283.7
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2412.9
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2044.9
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2227.3
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2089.5
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1929.1
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1908.4
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2074.3
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2125.0
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2414.6
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1927.9
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2090.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2170.5
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1927.4
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2189.0
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1377.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1328.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3771.6
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4515.3
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -4869.4
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.2
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5047.5
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4599.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4124.7
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4399.7
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4324.7
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4199.7
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -35538.
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.12819E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -95736.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -7303.8
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4724.6
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -3999.7
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4359.0
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4090.3
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3771.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3736.2
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -4060.8
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4155.2
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4727.8
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3771.6
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4090.3
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4249.7
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3771.6
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4302.8
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2709.2
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -2667.7
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -9070.1
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9781.5
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10139.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9239.6
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -8285.5
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -8837.9
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8687.3
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -8436.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -52196.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.10899E+06
0.00000E+00   0.00000E+00   0.00000E+00
```

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804        0        0   0.00000E+00   0.00000E+00   -37142.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -7771.2
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9490.7
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -8034.5
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -8756.3
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -8216.5
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7505.1
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8157.2
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8346.9
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9497.0
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8216.5
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8536.6
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8643.3
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820        0        0   0.00000E+00   0.00000E+00   -5442.1
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -1176.7
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -4000.6
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4314.4
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5396.9
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4472.2
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4075.4
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3654.6
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -3898.2
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3831.8
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3721.0
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -42767.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -94381.
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -29306.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -3427.7
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -4186.1
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3543.8
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -3862.2
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -3624.1
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -3341.7
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3310.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3598.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3681.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4188.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3624.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3765.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3812.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2400.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 250
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 580

CDM_TRsx - Fz (My) @ 5 - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.79 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -799.50 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -775.24 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.58 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -823.75 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -750.98 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -947.07 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -917.75 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -850.03 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.58 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -748.96 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -825.78 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.58 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -971.32 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.2 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
495       0       0   0.00000E+00   0.00000E+00   -966.27
0.00000E+00   0.00000E+00   0.00000E+00
496       0       0   0.00000E+00   0.00000E+00   -777.26
0.00000E+00   0.00000E+00   0.00000E+00
497       0       0   0.00000E+00   0.00000E+00   -713.58
0.00000E+00   0.00000E+00   0.00000E+00
498       0       0   0.00000E+00   0.00000E+00   -821.73
0.00000E+00   0.00000E+00   0.00000E+00
499       0       0   0.00000E+00   0.00000E+00   -753.00
0.00000E+00   0.00000E+00   0.00000E+00
500       0       0   0.00000E+00   0.00000E+00   -713.58
0.00000E+00   0.00000E+00   0.00000E+00
501       0       0   0.00000E+00   0.00000E+00   -995.58
0.00000E+00   0.00000E+00   0.00000E+00
502       0       0   0.00000E+00   0.00000E+00   -1154.3
0.00000E+00   0.00000E+00   0.00000E+00
503       0       0   0.00000E+00   0.00000E+00   -999.62
0.00000E+00   0.00000E+00   0.00000E+00
504       0       0   0.00000E+00   0.00000E+00   -713.58
0.00000E+00   0.00000E+00   0.00000E+00
505       0       0   0.00000E+00   0.00000E+00   -994.80
0.00000E+00   0.00000E+00   0.00000E+00
506       0       0   0.00000E+00   0.00000E+00   -1110.0
0.00000E+00   0.00000E+00   0.00000E+00
507       0       0   0.00000E+00   0.00000E+00   -988.14
0.00000E+00   0.00000E+00   0.00000E+00
508       0       0   0.00000E+00   0.00000E+00   -1095.3
0.00000E+00   0.00000E+00   0.00000E+00
509       0       0   0.00000E+00   0.00000E+00   -1318.6
0.00000E+00   0.00000E+00   0.00000E+00
510       0       0   0.00000E+00   0.00000E+00   -1585.5
0.00000E+00   0.00000E+00   0.00000E+00
511       0       0   0.00000E+00   0.00000E+00   -1352.5
0.00000E+00   0.00000E+00   0.00000E+00
512       0       0   0.00000E+00   0.00000E+00   -1103.1
0.00000E+00   0.00000E+00   0.00000E+00
513       0       0   0.00000E+00   0.00000E+00   -1171.7
0.00000E+00   0.00000E+00   0.00000E+00
514       0       0   0.00000E+00   0.00000E+00   -1061.2
0.00000E+00   0.00000E+00   0.00000E+00
515       0       0   0.00000E+00   0.00000E+00   -1191.8
0.00000E+00   0.00000E+00   0.00000E+00
516       0       0   0.00000E+00   0.00000E+00   -6859.2
0.00000E+00   0.00000E+00   0.00000E+00
517       0       0   0.00000E+00   0.00000E+00   -10715.
0.00000E+00   0.00000E+00   0.00000E+00
518       0       0   0.00000E+00   0.00000E+00   -2204.9
0.00000E+00   0.00000E+00   0.00000E+00
519       0       0   0.00000E+00   0.00000E+00   -1095.3
0.00000E+00   0.00000E+00   0.00000E+00
520       0       0   0.00000E+00   0.00000E+00   -1121.5
0.00000E+00   0.00000E+00   0.00000E+00
521       0       0   0.00000E+00   0.00000E+00   -1086.4
0.00000E+00   0.00000E+00   0.00000E+00
522       0       0   0.00000E+00   0.00000E+00   -1188.4
0.00000E+00   0.00000E+00   0.00000E+00
523       0       0   0.00000E+00   0.00000E+00   -1045.4
0.00000E+00   0.00000E+00   0.00000E+00
524       0       0   0.00000E+00   0.00000E+00   -1061.2
0.00000E+00   0.00000E+00   0.00000E+00
525       0       0   0.00000E+00   0.00000E+00   -1070.2
0.00000E+00   0.00000E+00   0.00000E+00
526       0       0   0.00000E+00   0.00000E+00   -632.62
0.00000E+00   0.00000E+00   0.00000E+00
527       0       0   0.00000E+00   0.00000E+00   -286.42
0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -301.67
0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -333.45
0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
```

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531        0        0   0.00000E+00   0.00000E+00   -301.25
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -297.43
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -68.638
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -109.22
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -244.74
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -237.32
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -218.44
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -252.17
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -229.89
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -289.92
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.49
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -280.95
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -260.21
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -218.44
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -229.27
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -252.79
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -218.44
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -297.34
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.49
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -295.80
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -237.94
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -218.44
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -251.55
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -230.51
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -218.44
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -304.77
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -353.35
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -306.01
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -218.44
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1797.2
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2039.1
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1955.9
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2287.2
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2501.0
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3118.5
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2578.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -2369.3
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -2098.5
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -2270.0
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -2191.1
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -22866.
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -36325.
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -6089.1
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -2239.2
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -2014.4
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -2418.2
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -2049.6
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -2253.0
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -2047.2
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -1958.1
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -1854.7
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -1812.5
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -1909.0
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -1906.4
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -1882.2
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -434.36
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -1574.2
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -1888.9
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -2214.9
0.00000E+00   0.00000E+00   0.00000E+00
622       0       0   0.00000E+00   0.00000E+00   -2558.7
0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -2865.5
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625       0       0   0.00000E+00   0.00000E+00   -2935.6
0.00000E+00   0.00000E+00   0.00000E+00
626       0       0   0.00000E+00   0.00000E+00   -2667.8
0.00000E+00   0.00000E+00   0.00000E+00
627       0       0   0.00000E+00   0.00000E+00   -2400.5
0.00000E+00   0.00000E+00   0.00000E+00
628       0       0   0.00000E+00   0.00000E+00   -2556.4
0.00000E+00   0.00000E+00   0.00000E+00
629       0       0   0.00000E+00   0.00000E+00   -2511.9
0.00000E+00   0.00000E+00   0.00000E+00
630       0       0   0.00000E+00   0.00000E+00   -28716.
0.00000E+00   0.00000E+00   0.00000E+00
631       0       0   0.00000E+00   0.00000E+00   -70681.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
632        0        0   0.00000E+00   0.00000E+00   -39841.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2584.3
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2258.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2760.5
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2307.7
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2555.6
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2354.5
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2211.7
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2319.8
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2439.8
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2718.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2191.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2416.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2428.8
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -972.40
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -8.6495
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.50
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2041.7
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2665.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2061.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2389.0
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2190.1
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53454.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68235.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2350.9
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2024.2
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2289.4
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2160.8
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2110.1
```

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0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2194.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1876.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2043.0
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2137.5
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2451.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1925.7
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2054.3
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2201.9
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2180.5
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.4
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4506.7
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4494.6
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4233.5
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4291.2
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3805.0
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3757.1
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       758        0        0   0.00000E+00   0.00000E+00   -3776.3
0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -4108.5
0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -4234.0
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -3774.0
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -4307.7
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -3662.8
```

| | | | | | |
|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 851 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4410.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4466.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4143.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4204.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3538.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3994.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55383. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95824. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15006. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3542.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4166.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4054.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3452.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3392.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 581

CDM_TRsx - Fz (My) @ 10 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | |
|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE |

| FORCE NODE | FORCE NODE | FORCE RNCE | FX | FY | FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -357.30 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -797.17 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -778.65 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -815.70 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -760.13 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -943.80 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -912.93 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -852.74 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -723.09 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -724.63 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -851.19 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -962.32 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -941.48 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -814.15 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -780.20 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -795.63 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -980.84 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -978.53 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -758.59 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -962.46 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1117.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1014.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1038.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1349.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1590.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1381.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1076.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1156.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

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514        0        0   0.00000E+00   0.00000E+00   -1105.2
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1117.5
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -8672.2
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -10002.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -1180.0
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1043.5
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1144.6
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1118.4
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1104.3
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1127.3
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1000.6
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -985.34
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -313.64
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -286.42
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -301.67
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -333.45
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -301.25
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -297.43
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -68.638
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -109.38
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -244.03
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -238.36
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -249.70
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -232.69
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -288.92
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -279.47
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -261.04
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -221.35
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -221.83
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -260.57
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -294.59
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.52
```

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      0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -288.21
      0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -249.23
      0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -218.76
      0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -238.84
      0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -243.56
      0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -218.76
      0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -300.26
      0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.52
      0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -299.55
      0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -232.22
      0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1787.3
      0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2041.5
      0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1964.0
      0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2269.9
      0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2510.4
      0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3120.0
      0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2586.8
      0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2361.2
      0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2094.0
      0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2283.5
      0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2168.4
      0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -29093.
      0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -34006.
      0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2203.9
      0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2223.4
      0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -2021.5
      0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2428.0
      0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2023.9
      0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2278.1
      0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -2028.6
      0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1932.1
      0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1757.1
      0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1812.5
      0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1909.0
      0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2110.1
      0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1713.3
      0.00000E+00   0.00000E+00   0.00000E+00
```

```
588        0        0   0.00000E+00   0.00000E+00   -1906.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1882.2
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -434.36
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1574.2
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1888.9
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2214.9
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2558.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2865.5
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2935.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2667.8
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2400.5
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2556.4
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2511.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -36596.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -67762.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -34879.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2584.3
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2258.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2760.5
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2307.7
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2555.6
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2354.5
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2211.7
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2319.8
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2439.8
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2718.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2191.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2416.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2428.8
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -972.40
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -8.6495
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.50
```

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0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2041.7
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2665.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2061.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2389.0
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2250.7
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53432.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68196.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2350.9
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2024.2
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2289.4
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2160.8
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2194.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1876.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2043.0
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2137.5
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2451.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1925.7
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2054.3
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2201.9
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2180.5
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.4
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4506.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       741        0        0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -4494.6
0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -4233.5
0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -4291.2
0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -3805.0
0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -3757.1
0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -3776.3
0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -4108.5
0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -4234.0
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -3774.0
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -4307.7
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -8030.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -4204.1
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3538.6
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3994.9
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -55383.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -95824.
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -15006.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -3542.2
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -4166.1
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -4054.3
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -3452.7
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -3392.1
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -3369.8
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -3531.5
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 582

CDM_TRsx - Fz (My) @ 10 (+X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -357.30 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -797.17 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -778.65 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -815.70 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -760.13 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -943.80 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -912.93 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -852.74 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -723.09 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -724.63 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -851.19 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -962.32 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -941.48 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -814.15 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
497        0        0   0.00000E+00   0.00000E+00   -714.60
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -780.20
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -795.63
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -714.60
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -980.84
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1148.3
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -978.53
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -758.59
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -962.46
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1117.9
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1014.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1038.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1349.2
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1590.2
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1381.3
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1076.7
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1156.9
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -1105.2
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1117.5
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -6935.1
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -10645.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2273.8
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1043.5
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1144.6
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1118.4
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1104.3
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1127.3
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1000.6
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -985.34
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -313.64
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -286.42
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -301.67
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -333.45
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -301.25
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -297.43
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -270.74
```

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0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -68.638
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -109.38
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -244.03
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -238.36
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -249.70
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -232.69
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -288.92
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -279.47
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -261.04
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -221.35
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -221.83
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -260.57
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -294.59
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -288.21
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -249.23
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -238.84
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -243.56
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -300.26
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -299.55
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -232.22
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1787.3
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2041.5
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1964.0
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2269.9
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2510.4
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3120.0
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2586.8
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2361.2
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2094.0
0.00000E+00   0.00000E+00   0.00000E+00
```

```
571        0        0   0.00000E+00   0.00000E+00   -2283.5
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2168.4
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -22889.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -36304.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -6110.2
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2223.4
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -2021.5
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2428.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2023.9
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2278.1
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -2028.6
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1932.1
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1757.1
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1812.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1909.0
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1906.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1882.2
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -434.36
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1574.2
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1888.9
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2214.9
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2558.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2865.5
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2935.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2667.8
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2400.5
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2556.4
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2511.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -28716.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -70681.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -39841.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2584.3
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2258.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -2760.5
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -2307.7
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -2555.6
0.00000E+00   0.00000E+00   0.00000E+00
638       0       0   0.00000E+00   0.00000E+00   -2354.5
0.00000E+00   0.00000E+00   0.00000E+00
639       0       0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
640       0       0   0.00000E+00   0.00000E+00   -2211.7
0.00000E+00   0.00000E+00   0.00000E+00
641       0       0   0.00000E+00   0.00000E+00   -2319.8
0.00000E+00   0.00000E+00   0.00000E+00
642       0       0   0.00000E+00   0.00000E+00   -2439.8
0.00000E+00   0.00000E+00   0.00000E+00
643       0       0   0.00000E+00   0.00000E+00   -2718.8
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -2191.5
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -2416.7
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -2428.8
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -972.40
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649       0       0   0.00000E+00   0.00000E+00   -340.56
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676       0       0   0.00000E+00   0.00000E+00   -8.6495
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677       0       0   0.00000E+00   0.00000E+00   -402.50
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -2041.7
0.00000E+00   0.00000E+00   0.00000E+00
680       0       0   0.00000E+00   0.00000E+00   -2665.6
0.00000E+00   0.00000E+00   0.00000E+00
681       0       0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682       0       0   0.00000E+00   0.00000E+00   -2665.2
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683       0       0   0.00000E+00   0.00000E+00   -2143.8
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684       0       0   0.00000E+00   0.00000E+00   -2306.4
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685       0       0   0.00000E+00   0.00000E+00   -2061.2
0.00000E+00   0.00000E+00   0.00000E+00
686       0       0   0.00000E+00   0.00000E+00   -2389.0
0.00000E+00   0.00000E+00   0.00000E+00
687       0       0   0.00000E+00   0.00000E+00   -2190.1
0.00000E+00   0.00000E+00   0.00000E+00
688       0       0   0.00000E+00   0.00000E+00   -53454.
0.00000E+00   0.00000E+00   0.00000E+00
689       0       0   0.00000E+00   0.00000E+00   -68235.
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690       0       0   0.00000E+00   0.00000E+00   -2350.9
0.00000E+00   0.00000E+00   0.00000E+00
691       0       0   0.00000E+00   0.00000E+00   -2024.2
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -2289.4
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -2160.8
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -2194.8
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
697        0        0   0.00000E+00   0.00000E+00   -1876.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2043.0
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2137.5
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2451.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1925.7
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2054.3
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2201.9
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2180.5
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.4
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4506.7
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741        0        0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4494.6
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743        0        0   0.00000E+00   0.00000E+00   -4233.5
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744        0        0   0.00000E+00   0.00000E+00   -4291.2
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3805.0
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3757.1
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3776.3
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759        0        0   0.00000E+00   0.00000E+00   -4108.5
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4234.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
761       0       0   0.00000E+00   0.00000E+00   -3774.0
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00   -4307.7
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763       0       0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.11090E+06
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804       0       0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4466.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4143.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4204.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3538.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3994.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55383. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95824. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15006. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3542.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4166.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4054.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3452.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3392.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 583

CDM_TRsx - Fz (My) @ 16 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | FORCE | FORCE |
| NODE | NODE | RNCE | FX | FY | FZ | MX | MY |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.13 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

```
480        0        0   0.00000E+00   0.00000E+00   -802.42
0.00000E+00   0.00000E+00   0.00000E+00
481        0        0   0.00000E+00   0.00000E+00   -770.88
0.00000E+00   0.00000E+00   0.00000E+00
482        0        0   0.00000E+00   0.00000E+00   -712.27
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -833.96
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -739.34
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -951.18
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1148.0
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -934.62
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -825.02
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -712.27
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -779.81
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -793.48
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -712.27
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -982.72
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1148.0
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -997.70
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -730.40
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -725.67
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -847.62
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -712.27
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -757.21
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -979.83
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1148.0
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -973.78
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -712.27
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1068.2
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1035.2
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -986.82
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1176.0
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1265.0
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1585.3
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1315.9
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1191.0
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1081.7
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -1132.6
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1140.1
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -8601.8
```

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      0.00000E+00   0.00000E+00   0.00000E+00
517         0         0   0.00000E+00   0.00000E+00   -10104.
      0.00000E+00   0.00000E+00   0.00000E+00
518         0         0   0.00000E+00   0.00000E+00   -1052.5
      0.00000E+00   0.00000E+00   0.00000E+00
519         0         0   0.00000E+00   0.00000E+00   -1200.8
      0.00000E+00   0.00000E+00   0.00000E+00
520         0         0   0.00000E+00   0.00000E+00   -1009.4
      0.00000E+00   0.00000E+00   0.00000E+00
521         0         0   0.00000E+00   0.00000E+00   -1197.0
      0.00000E+00   0.00000E+00   0.00000E+00
522         0         0   0.00000E+00   0.00000E+00   -1075.7
      0.00000E+00   0.00000E+00   0.00000E+00
523         0         0   0.00000E+00   0.00000E+00   -1051.2
      0.00000E+00   0.00000E+00   0.00000E+00
524         0         0   0.00000E+00   0.00000E+00   -395.59
      0.00000E+00   0.00000E+00   0.00000E+00
525         0         0   0.00000E+00   0.00000E+00   -270.74
      0.00000E+00   0.00000E+00   0.00000E+00
526         0         0   0.00000E+00   0.00000E+00   -275.82
      0.00000E+00   0.00000E+00   0.00000E+00
527         0         0   0.00000E+00   0.00000E+00   -286.42
      0.00000E+00   0.00000E+00   0.00000E+00
528         0         0   0.00000E+00   0.00000E+00   -301.67
      0.00000E+00   0.00000E+00   0.00000E+00
529         0         0   0.00000E+00   0.00000E+00   -333.45
      0.00000E+00   0.00000E+00   0.00000E+00
530         0         0   0.00000E+00   0.00000E+00   -270.74
      0.00000E+00   0.00000E+00   0.00000E+00
531         0         0   0.00000E+00   0.00000E+00   -301.25
      0.00000E+00   0.00000E+00   0.00000E+00
532         0         0   0.00000E+00   0.00000E+00   -297.43
      0.00000E+00   0.00000E+00   0.00000E+00
533         0         0   0.00000E+00   0.00000E+00   -270.74
      0.00000E+00   0.00000E+00   0.00000E+00
534         0         0   0.00000E+00   0.00000E+00   -68.638
      0.00000E+00   0.00000E+00   0.00000E+00
536         0         0   0.00000E+00   0.00000E+00   -109.02
      0.00000E+00   0.00000E+00   0.00000E+00
537         0         0   0.00000E+00   0.00000E+00   -245.64
      0.00000E+00   0.00000E+00   0.00000E+00
538         0         0   0.00000E+00   0.00000E+00   -235.98
      0.00000E+00   0.00000E+00   0.00000E+00
539         0         0   0.00000E+00   0.00000E+00   -218.04
      0.00000E+00   0.00000E+00   0.00000E+00
540         0         0   0.00000E+00   0.00000E+00   -255.29
      0.00000E+00   0.00000E+00   0.00000E+00
541         0         0   0.00000E+00   0.00000E+00   -226.33
      0.00000E+00   0.00000E+00   0.00000E+00
542         0         0   0.00000E+00   0.00000E+00   -291.18
      0.00000E+00   0.00000E+00   0.00000E+00
543         0         0   0.00000E+00   0.00000E+00   -351.44
      0.00000E+00   0.00000E+00   0.00000E+00
544         0         0   0.00000E+00   0.00000E+00   -286.11
      0.00000E+00   0.00000E+00   0.00000E+00
545         0         0   0.00000E+00   0.00000E+00   -252.56
      0.00000E+00   0.00000E+00   0.00000E+00
546         0         0   0.00000E+00   0.00000E+00   -218.04
      0.00000E+00   0.00000E+00   0.00000E+00
547         0         0   0.00000E+00   0.00000E+00   -238.72
      0.00000E+00   0.00000E+00   0.00000E+00
548         0         0   0.00000E+00   0.00000E+00   -242.90
      0.00000E+00   0.00000E+00   0.00000E+00
549         0         0   0.00000E+00   0.00000E+00   -218.04
      0.00000E+00   0.00000E+00   0.00000E+00
550         0         0   0.00000E+00   0.00000E+00   -300.83
      0.00000E+00   0.00000E+00   0.00000E+00
551         0         0   0.00000E+00   0.00000E+00   -351.44
      0.00000E+00   0.00000E+00   0.00000E+00
552         0         0   0.00000E+00   0.00000E+00   -305.42
      0.00000E+00   0.00000E+00   0.00000E+00
553         0         0   0.00000E+00   0.00000E+00   -223.59
      0.00000E+00   0.00000E+00   0.00000E+00
```

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554        0        0   0.00000E+00   0.00000E+00   -222.14
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -259.48
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -218.04
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -231.80
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -299.95
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.44
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -298.10
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -218.04
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1819.6
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2016.2
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1955.5
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2311.9
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2484.6
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3118.5
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2566.8
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2396.2
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2071.0
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2291.9
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2175.3
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -29072.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -34037.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2164.9
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2271.5
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1980.1
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2452.1
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2015.1
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2254.8
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1843.4
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1745.5
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1812.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1909.0
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1906.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1882.2
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1713.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -434.36
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1574.2
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1888.9
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2214.9
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2558.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2865.5
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2935.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2667.8
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2400.5
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2556.4
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2511.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -36596.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -67762.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -34879.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2584.3
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2258.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2760.5
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2307.7
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2555.6
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2354.5
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2211.7
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2319.8
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2439.8
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2718.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2191.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2416.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2428.8
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -972.40
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -8.6495
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.50
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2041.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
680        0        0   0.00000E+00   0.00000E+00   -2665.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2061.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2389.0
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2250.7
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53432.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68196.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2350.9
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2024.2
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2289.4
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2160.8
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2194.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1876.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2043.0
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2137.5
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2451.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1925.7
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2054.3
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2201.9
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2180.5
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.4
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4506.7
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4494.6
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4233.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4291.2
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3805.0
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3757.1
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3776.3
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4108.5
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4234.0
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3774.0
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4307.7
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -4204.1
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3538.6
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3994.9
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -55383.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -95824.
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -15006.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -3542.2
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -4166.1
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -4054.3
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -3452.7
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -3392.1
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -3369.8
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -3531.5
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -3733.5
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -4119.4
0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -3349.6
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 584

CDM_TRsx - Fz (My) @ 16 (+X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -357.23 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -797.51 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -778.16 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.46 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -816.87 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -758.81 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -944.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -912.02 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -855.57 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -720.10 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -728.16 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -847.51 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.46 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -963.63 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -945.08 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -808.80 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.46 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -786.22 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -789.45 | |

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0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -714.46
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -982.98
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1148.3
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -983.79
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -750.74
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -962.32
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1126.5
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1005.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1041.0
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1354.6
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1585.5
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1377.1
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1076.6
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1167.0
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -1094.9
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1128.2
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -8661.2
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -10012.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -1170.0
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1043.4
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1156.4
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1106.0
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1117.1
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -864.39
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -285.99
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -275.82
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -286.42
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -301.67
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -333.45
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -301.25
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -297.43
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -68.638
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -109.36
0.00000E+00   0.00000E+00   0.00000E+00
```

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537        0        0   0.00000E+00   0.00000E+00   -244.14
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -238.21
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -218.71
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -250.06
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -232.29
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -289.06
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -279.19
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -261.91
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -220.44
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -222.91
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -259.44
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -218.71
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -294.99
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -289.31
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -247.59
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -218.71
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -240.68
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -241.67
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -218.71
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -300.91
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -301.16
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -229.82
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1787.2
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2044.2
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1961.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2270.6
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2512.0
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3118.6
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2585.6
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2361.2
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2097.1
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2280.3
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2171.7
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -29090.
```

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0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -34009.
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -2200.8
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -2223.3
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -2025.1
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -2424.2
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -2027.8
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -2197.6
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -1809.8
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -1745.5
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -1812.5
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585       0       0   0.00000E+00   0.00000E+00   -1909.0
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -1906.4
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -1882.2
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -434.36
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -1574.2
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -1888.9
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -2214.9
0.00000E+00   0.00000E+00   0.00000E+00
622       0       0   0.00000E+00   0.00000E+00   -2558.7
0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -2865.5
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625       0       0   0.00000E+00   0.00000E+00   -2935.6
0.00000E+00   0.00000E+00   0.00000E+00
626       0       0   0.00000E+00   0.00000E+00   -2667.8
0.00000E+00   0.00000E+00   0.00000E+00
627       0       0   0.00000E+00   0.00000E+00   -2400.5
0.00000E+00   0.00000E+00   0.00000E+00
628       0       0   0.00000E+00   0.00000E+00   -2556.4
0.00000E+00   0.00000E+00   0.00000E+00
629       0       0   0.00000E+00   0.00000E+00   -2511.9
0.00000E+00   0.00000E+00   0.00000E+00
630       0       0   0.00000E+00   0.00000E+00   -36596.
0.00000E+00   0.00000E+00   0.00000E+00
631       0       0   0.00000E+00   0.00000E+00   -67762.
0.00000E+00   0.00000E+00   0.00000E+00
632       0       0   0.00000E+00   0.00000E+00   -34879.
0.00000E+00   0.00000E+00   0.00000E+00
633       0       0   0.00000E+00   0.00000E+00   -2584.3
0.00000E+00   0.00000E+00   0.00000E+00
634       0       0   0.00000E+00   0.00000E+00   -2258.6
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -2760.5
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -2307.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
637        0        0   0.00000E+00   0.00000E+00   -2555.6
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2354.5
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2211.7
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2319.8
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2439.8
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2718.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2191.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2416.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2428.8
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -972.40
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -8.6495
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.50
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2041.7
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2665.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2061.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2389.0
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2250.7
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53432.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68196.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2350.9
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2024.2
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2289.4
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2160.8
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2194.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1876.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2043.0
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2137.5
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
      700        0        0   0.00000E+00   0.00000E+00   -2451.8
      0.00000E+00   0.00000E+00   0.00000E+00
      701        0        0   0.00000E+00   0.00000E+00   -1925.7
      0.00000E+00   0.00000E+00   0.00000E+00
      702        0        0   0.00000E+00   0.00000E+00   -2054.3
      0.00000E+00   0.00000E+00   0.00000E+00
      703        0        0   0.00000E+00   0.00000E+00   -2201.9
      0.00000E+00   0.00000E+00   0.00000E+00
      704        0        0   0.00000E+00   0.00000E+00   -1922.4
      0.00000E+00   0.00000E+00   0.00000E+00
      705        0        0   0.00000E+00   0.00000E+00   -2180.5
      0.00000E+00   0.00000E+00   0.00000E+00
      706        0        0   0.00000E+00   0.00000E+00   -1382.7
      0.00000E+00   0.00000E+00   0.00000E+00
      734        0        0   0.00000E+00   0.00000E+00   -270.80
      0.00000E+00   0.00000E+00   0.00000E+00
      735        0        0   0.00000E+00   0.00000E+00   -3315.0
      0.00000E+00   0.00000E+00   0.00000E+00
      736        0        0   0.00000E+00   0.00000E+00   -4084.4
      0.00000E+00   0.00000E+00   0.00000E+00
      737        0        0   0.00000E+00   0.00000E+00   -5062.0
      0.00000E+00   0.00000E+00   0.00000E+00
      738        0        0   0.00000E+00   0.00000E+00   -6091.4
      0.00000E+00   0.00000E+00   0.00000E+00
      739        0        0   0.00000E+00   0.00000E+00   -5102.6
      0.00000E+00   0.00000E+00   0.00000E+00
      740        0        0   0.00000E+00   0.00000E+00   -4506.7
      0.00000E+00   0.00000E+00   0.00000E+00
      741        0        0   0.00000E+00   0.00000E+00   -4122.5
      0.00000E+00   0.00000E+00   0.00000E+00
      742        0        0   0.00000E+00   0.00000E+00   -4494.6
      0.00000E+00   0.00000E+00   0.00000E+00
      743        0        0   0.00000E+00   0.00000E+00   -4233.5
      0.00000E+00   0.00000E+00   0.00000E+00
      744        0        0   0.00000E+00   0.00000E+00   -4291.2
      0.00000E+00   0.00000E+00   0.00000E+00
      745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
      0.00000E+00   0.00000E+00   0.00000E+00
      746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
      0.00000E+00   0.00000E+00   0.00000E+00
      747        0        0   0.00000E+00   0.00000E+00   -13360.
      0.00000E+00   0.00000E+00   0.00000E+00
      748        0        0   0.00000E+00   0.00000E+00   -3985.1
      0.00000E+00   0.00000E+00   0.00000E+00
      749        0        0   0.00000E+00   0.00000E+00   -4623.6
      0.00000E+00   0.00000E+00   0.00000E+00
      750        0        0   0.00000E+00   0.00000E+00   -4022.3
      0.00000E+00   0.00000E+00   0.00000E+00
      751        0        0   0.00000E+00   0.00000E+00   -4418.6
      0.00000E+00   0.00000E+00   0.00000E+00
      752        0        0   0.00000E+00   0.00000E+00   -4036.9
      0.00000E+00   0.00000E+00   0.00000E+00
      753        0        0   0.00000E+00   0.00000E+00   -3805.0
      0.00000E+00   0.00000E+00   0.00000E+00
      754        0        0   0.00000E+00   0.00000E+00   -3757.1
      0.00000E+00   0.00000E+00   0.00000E+00
      755        0        0   0.00000E+00   0.00000E+00   -3990.0
      0.00000E+00   0.00000E+00   0.00000E+00
      756        0        0   0.00000E+00   0.00000E+00   -4202.9
      0.00000E+00   0.00000E+00   0.00000E+00
      757        0        0   0.00000E+00   0.00000E+00   -4701.7
      0.00000E+00   0.00000E+00   0.00000E+00
      758        0        0   0.00000E+00   0.00000E+00   -3776.3
      0.00000E+00   0.00000E+00   0.00000E+00
      759        0        0   0.00000E+00   0.00000E+00   -4108.5
      0.00000E+00   0.00000E+00   0.00000E+00
      760        0        0   0.00000E+00   0.00000E+00   -4234.0
      0.00000E+00   0.00000E+00   0.00000E+00
      761        0        0   0.00000E+00   0.00000E+00   -3774.0
      0.00000E+00   0.00000E+00   0.00000E+00
      762        0        0   0.00000E+00   0.00000E+00   -4307.7
      0.00000E+00   0.00000E+00   0.00000E+00
```

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763        0        0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3464.4
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4204.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3538.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3994.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55383. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95824. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15006. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3542.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4166.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4054.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3452.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3392.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 585

CDM_TRsx - Fz (My) @ 20 - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -355.58 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -804.82 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -767.23 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -711.15 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -842.42
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -729.63
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -954.57
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1147.9
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -948.62
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -804.19
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -711.15
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -805.45
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -766.60
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -711.15
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -992.79
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1159.8
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -991.54
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -711.15
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -768.48
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -803.57
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -711.15
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -806.07
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -947.36
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1147.9
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -953.94
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -800.15
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1111.3
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1008.6
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1070.4
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1073.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1305.1
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1585.1
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1337.9
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1171.9
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1067.3
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -1181.5
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1557.6
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -10002.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -6782.2
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -319.23
0.00000E+00   0.00000E+00   0.00000E+00
```

519 0 0 0.00000E+00 0.00000E+00 -284.72
0.00000E+00 0.00000E+00 0.00000E+00
520 0 0 0.00000E+00 0.00000E+00 -332.36
0.00000E+00 0.00000E+00 0.00000E+00
521 0 0 0.00000E+00 0.00000E+00 -279.94
0.00000E+00 0.00000E+00 0.00000E+00
522 0 0 0.00000E+00 0.00000E+00 -340.95
0.00000E+00 0.00000E+00 0.00000E+00
523 0 0 0.00000E+00 0.00000E+00 -279.94
0.00000E+00 0.00000E+00 0.00000E+00
524 0 0 0.00000E+00 0.00000E+00 -293.62
0.00000E+00 0.00000E+00 0.00000E+00
525 0 0 0.00000E+00 0.00000E+00 -305.06
0.00000E+00 0.00000E+00 0.00000E+00
526 0 0 0.00000E+00 0.00000E+00 -245.32
0.00000E+00 0.00000E+00 0.00000E+00
527 0 0 0.00000E+00 0.00000E+00 -261.00
0.00000E+00 0.00000E+00 0.00000E+00
528 0 0 0.00000E+00 0.00000E+00 -352.51
0.00000E+00 0.00000E+00 0.00000E+00
529 0 0 0.00000E+00 0.00000E+00 -281.33
0.00000E+00 0.00000E+00 0.00000E+00
530 0 0 0.00000E+00 0.00000E+00 -324.13
0.00000E+00 0.00000E+00 0.00000E+00
531 0 0 0.00000E+00 0.00000E+00 -274.55
0.00000E+00 0.00000E+00 0.00000E+00
532 0 0 0.00000E+00 0.00000E+00 -282.18
0.00000E+00 0.00000E+00 0.00000E+00
533 0 0 0.00000E+00 0.00000E+00 -247.86
0.00000E+00 0.00000E+00 0.00000E+00
536 0 0 0.00000E+00 0.00000E+00 -108.85
0.00000E+00 0.00000E+00 0.00000E+00
537 0 0 0.00000E+00 0.00000E+00 -246.37
0.00000E+00 0.00000E+00 0.00000E+00
538 0 0 0.00000E+00 0.00000E+00 -234.87
0.00000E+00 0.00000E+00 0.00000E+00
539 0 0 0.00000E+00 0.00000E+00 -217.70
0.00000E+00 0.00000E+00 0.00000E+00
540 0 0 0.00000E+00 0.00000E+00 -257.88
0.00000E+00 0.00000E+00 0.00000E+00
541 0 0 0.00000E+00 0.00000E+00 -223.36
0.00000E+00 0.00000E+00 0.00000E+00
542 0 0 0.00000E+00 0.00000E+00 -292.22
0.00000E+00 0.00000E+00 0.00000E+00
543 0 0 0.00000E+00 0.00000E+00 -351.39
0.00000E+00 0.00000E+00 0.00000E+00
544 0 0 0.00000E+00 0.00000E+00 -290.39
0.00000E+00 0.00000E+00 0.00000E+00
545 0 0 0.00000E+00 0.00000E+00 -246.18
0.00000E+00 0.00000E+00 0.00000E+00
546 0 0 0.00000E+00 0.00000E+00 -217.70
0.00000E+00 0.00000E+00 0.00000E+00
547 0 0 0.00000E+00 0.00000E+00 -246.57
0.00000E+00 0.00000E+00 0.00000E+00
548 0 0 0.00000E+00 0.00000E+00 -234.67
0.00000E+00 0.00000E+00 0.00000E+00
549 0 0 0.00000E+00 0.00000E+00 -217.70
0.00000E+00 0.00000E+00 0.00000E+00
550 0 0 0.00000E+00 0.00000E+00 -303.92
0.00000E+00 0.00000E+00 0.00000E+00
551 0 0 0.00000E+00 0.00000E+00 -355.03
0.00000E+00 0.00000E+00 0.00000E+00
552 0 0 0.00000E+00 0.00000E+00 -303.53
0.00000E+00 0.00000E+00 0.00000E+00
553 0 0 0.00000E+00 0.00000E+00 -217.70
0.00000E+00 0.00000E+00 0.00000E+00
554 0 0 0.00000E+00 0.00000E+00 -235.25
0.00000E+00 0.00000E+00 0.00000E+00
555 0 0 0.00000E+00 0.00000E+00 -245.99
0.00000E+00 0.00000E+00 0.00000E+00
556 0 0 0.00000E+00 0.00000E+00 -217.70
0.00000E+00 0.00000E+00 0.00000E+00
557 0 0 0.00000E+00 0.00000E+00 -246.76

```
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -290.01
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.39
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -292.02
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -658.29
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1970.6
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2099.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -2141.8
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1959.1
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2657.6
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3118.4
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2784.3
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2044.6
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2325.9
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2134.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -3965.2
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -35803.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -25094.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2020.2
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1801.8
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -2103.2
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -1771.5
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2157.6
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1771.5
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1858.1
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1930.5
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1552.4
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1651.6
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -2230.8
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -1780.3
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -2051.1
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1737.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1785.7
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1568.5
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -435.93
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1719.5
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1985.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
621        0        0   0.00000E+00   0.00000E+00   -2384.4
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2219.6
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -3035.1
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -3157.9
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2303.1
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2674.0
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2374.0
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -4792.1
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -45353.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -56766.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -34963.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2384.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2607.0
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2338.8
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2695.2
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2294.9
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2402.9
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2408.6
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2017.9
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2158.4
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2762.7
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2387.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2530.6
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2247.1
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2331.9
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2045.4
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -536.47
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2.3952
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -9.4479
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -403.03
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1923.4
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2039.8
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2666.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2666.5
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2141.8
 0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2307.9
 0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2060.2
 0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2406.4
 0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2318.1
 0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53347.
 0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68197.
 0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2349.8
 0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2026.1
 0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2287.1
 0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2162.9
 0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2108.7
 0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2195.0
 0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1923.6
 0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1875.6
 0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2042.1
 0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2139.3
 0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2450.0
 0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1927.6
 0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2053.4
 0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2201.3
 0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1921.6
 0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2178.1
 0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1382.7
 0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -270.80
 0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3315.0
 0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
 0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5062.0
 0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.4
 0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5102.6
 0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4506.7
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741        0        0   0.00000E+00   0.00000E+00   -4122.5
 0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4494.6
 0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4233.5
 0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4291.2
 0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3805.0
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3757.1
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755        0        0   0.00000E+00   0.00000E+00   -3990.0
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756        0        0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4701.7
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758        0        0   0.00000E+00   0.00000E+00   -3776.3
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4108.5
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4234.0
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3774.0
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4307.7
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7690.4
```

```
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -4204.1
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3538.6
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3994.9
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -55383.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -95824.
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -15006.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -3542.2
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -4166.1
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -4054.3
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -3452.7
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -3392.1
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -3369.8
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -3531.5
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -3733.5
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -4119.4
0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -3349.6
0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -3683.0
0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -3715.3
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 586

CDM_TRsx - Fz (My) @ 22 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -391.72 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -836.39 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -737.57 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -716.40 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -857.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -911.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -939.90 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -772.86 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -801.09 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -712.87 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -801.09 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -772.86 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -939.90 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -911.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -857.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -716.40 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -737.57 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -836.39 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -712.87 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -968.14 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

| | | | | | |
|---|---|---|---|---|---|
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -964.61 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -808.52 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -983.61 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1066.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -996.96 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1360.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1592.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1389.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1055.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1174.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1099.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1113.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8687.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9985.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1196.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1002.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -471.45 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -308.65 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -303.27 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -315.27 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 524 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.74 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 525 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -310.78 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 526 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -249.13 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -268.62 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 528 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -337.26 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 529 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -302.31 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -284.09 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 531 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -314.59 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 532 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.74 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 533 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.74 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 534 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.599 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 537 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -119.92 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 538 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -256.04 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 539 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -225.79 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 540 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -219.31 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 541 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -262.52 |

```
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -279.08
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.46
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -287.73
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -236.59
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -245.23
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -218.23
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -245.23
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -236.59
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -287.73
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.46
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -279.08
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -262.52
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -219.31
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -225.79
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -256.04
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -218.23
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -296.37
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.46
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -295.29
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -419.73
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1931.5
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1965.0
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -2220.9
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2016.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2594.2
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3120.7
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2667.8
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2235.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2131.8
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2335.7
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2026.7
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -29325.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -33761.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2462.3
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1977.1
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -2035.5
0.00000E+00   0.00000E+00   0.00000E+00
```

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       578        0        0   0.00000E+00   0.00000E+00   -1953.2
0.00000E+00   0.00000E+00   0.00000E+00
       579        0        0   0.00000E+00   0.00000E+00   -1919.1
0.00000E+00   0.00000E+00   0.00000E+00
       580        0        0   0.00000E+00   0.00000E+00   -1995.1
0.00000E+00   0.00000E+00   0.00000E+00
       581        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
       582        0        0   0.00000E+00   0.00000E+00   -1966.7
0.00000E+00   0.00000E+00   0.00000E+00
       583        0        0   0.00000E+00   0.00000E+00   -1576.6
0.00000E+00   0.00000E+00   0.00000E+00
       584        0        0   0.00000E+00   0.00000E+00   -1699.9
0.00000E+00   0.00000E+00   0.00000E+00
       585        0        0   0.00000E+00   0.00000E+00   -2134.3
0.00000E+00   0.00000E+00   0.00000E+00
       586        0        0   0.00000E+00   0.00000E+00   -1913.1
0.00000E+00   0.00000E+00   0.00000E+00
       587        0        0   0.00000E+00   0.00000E+00   -1797.8
0.00000E+00   0.00000E+00   0.00000E+00
       588        0        0   0.00000E+00   0.00000E+00   -1990.8
0.00000E+00   0.00000E+00   0.00000E+00
       589        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
       590        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
       591        0        0   0.00000E+00   0.00000E+00   -180.98
0.00000E+00   0.00000E+00   0.00000E+00
       618        0        0   0.00000E+00   0.00000E+00   -181.64
0.00000E+00   0.00000E+00   0.00000E+00
       619        0        0   0.00000E+00   0.00000E+00   -1719.5
0.00000E+00   0.00000E+00   0.00000E+00
       620        0        0   0.00000E+00   0.00000E+00   -1816.2
0.00000E+00   0.00000E+00   0.00000E+00
       621        0        0   0.00000E+00   0.00000E+00   -2469.2
0.00000E+00   0.00000E+00   0.00000E+00
       622        0        0   0.00000E+00   0.00000E+00   -2304.4
0.00000E+00   0.00000E+00   0.00000E+00
       623        0        0   0.00000E+00   0.00000E+00   -2950.3
0.00000E+00   0.00000E+00   0.00000E+00
       624        0        0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
       625        0        0   0.00000E+00   0.00000E+00   -3018.2
0.00000E+00   0.00000E+00   0.00000E+00
       626        0        0   0.00000E+00   0.00000E+00   -2542.4
0.00000E+00   0.00000E+00   0.00000E+00
       627        0        0   0.00000E+00   0.00000E+00   -2434.7
0.00000E+00   0.00000E+00   0.00000E+00
       628        0        0   0.00000E+00   0.00000E+00   -2613.3
0.00000E+00   0.00000E+00   0.00000E+00
       629        0        0   0.00000E+00   0.00000E+00   -2363.7
0.00000E+00   0.00000E+00   0.00000E+00
       630        0        0   0.00000E+00   0.00000E+00   -36836.
0.00000E+00   0.00000E+00   0.00000E+00
       631        0        0   0.00000E+00   0.00000E+00   -67510.
0.00000E+00   0.00000E+00   0.00000E+00
       632        0        0   0.00000E+00   0.00000E+00   -35146.
0.00000E+00   0.00000E+00   0.00000E+00
       633        0        0   0.00000E+00   0.00000E+00   -2337.7
0.00000E+00   0.00000E+00   0.00000E+00
       634        0        0   0.00000E+00   0.00000E+00   -2490.7
0.00000E+00   0.00000E+00   0.00000E+00
       635        0        0   0.00000E+00   0.00000E+00   -2521.2
0.00000E+00   0.00000E+00   0.00000E+00
       636        0        0   0.00000E+00   0.00000E+00   -2455.9
0.00000E+00   0.00000E+00   0.00000E+00
       637        0        0   0.00000E+00   0.00000E+00   -2519.3
0.00000E+00   0.00000E+00   0.00000E+00
       638        0        0   0.00000E+00   0.00000E+00   -2257.6
0.00000E+00   0.00000E+00   0.00000E+00
       639        0        0   0.00000E+00   0.00000E+00   -2445.0
0.00000E+00   0.00000E+00   0.00000E+00
       640        0        0   0.00000E+00   0.00000E+00   -2042.1
```

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0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2206.8
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2665.9
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2521.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2276.3
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2501.4
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2259.3
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -718.11
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00  -0.99801
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -9.4479
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.10
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1923.9
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2040.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2666.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.7
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.1
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.6
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2061.5
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2388.2
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2252.1
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53430.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68198.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2349.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2025.5
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2288.1
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2161.6
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2109.9
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2194.2
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1923.8
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1875.8
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2042.4
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2138.7
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2450.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1926.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       702        0        0   0.00000E+00   0.00000E+00   -2054.8
   0.00000E+00   0.00000E+00   0.00000E+00
       703        0        0   0.00000E+00   0.00000E+00   -2200.9
   0.00000E+00   0.00000E+00   0.00000E+00
       704        0        0   0.00000E+00   0.00000E+00   -1922.4
   0.00000E+00   0.00000E+00   0.00000E+00
       705        0        0   0.00000E+00   0.00000E+00   -2179.1
   0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -1382.7
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -270.80
   0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -3315.0
   0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -4084.4
   0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -5062.0
   0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00   -6091.4
   0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -5102.6
   0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -4506.7
   0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -4122.5
   0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -4494.6
   0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -4233.5
   0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -4291.2
   0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -13360.
   0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -3985.1
   0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -4623.6
   0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -4022.3
   0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -4418.6
   0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -4036.9
   0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -3805.0
   0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -3757.1
   0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -3990.0
   0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -4202.9
   0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -4701.7
   0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -3776.3
   0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -4108.5
   0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -4234.0
   0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -3774.0
   0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -4307.7
   0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -2706.5
   0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -6174.3
   0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -8304.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
854       0       0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
855       0       0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
856       0       0   0.00000E+00   0.00000E+00   -4204.1
0.00000E+00   0.00000E+00   0.00000E+00
857       0       0   0.00000E+00   0.00000E+00   -3538.6
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3994.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55383. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95824. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15006. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3542.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4166.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4054.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3452.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3392.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 587

CDM_TRsx - Fz (My) @ 22 (+X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -179.87 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.99 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -768.65 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -806.52 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.99 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -977.54 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
      486        0        0   0.00000E+00   0.00000E+00   -1148.2
0.00000E+00   0.00000E+00   0.00000E+00
      487        0        0   0.00000E+00   0.00000E+00   -976.01
0.00000E+00   0.00000E+00   0.00000E+00
      488        0        0   0.00000E+00   0.00000E+00   -762.54
0.00000E+00   0.00000E+00   0.00000E+00
      489        0        0   0.00000E+00   0.00000E+00   -713.99
0.00000E+00   0.00000E+00   0.00000E+00
      490        0        0   0.00000E+00   0.00000E+00   -834.62
0.00000E+00   0.00000E+00   0.00000E+00
      491        0        0   0.00000E+00   0.00000E+00   -740.56
0.00000E+00   0.00000E+00   0.00000E+00
      492        0        0   0.00000E+00   0.00000E+00   -713.99
0.00000E+00   0.00000E+00   0.00000E+00
      493        0        0   0.00000E+00   0.00000E+00   -1003.8
0.00000E+00   0.00000E+00   0.00000E+00
      494        0        0   0.00000E+00   0.00000E+00   -1151.3
0.00000E+00   0.00000E+00   0.00000E+00
      495        0        0   0.00000E+00   0.00000E+00   -995.25
0.00000E+00   0.00000E+00   0.00000E+00
      496        0        0   0.00000E+00   0.00000E+00   -713.99
0.00000E+00   0.00000E+00   0.00000E+00
      497        0        0   0.00000E+00   0.00000E+00   -753.38
0.00000E+00   0.00000E+00   0.00000E+00
      498        0        0   0.00000E+00   0.00000E+00   -821.79
0.00000E+00   0.00000E+00   0.00000E+00
      499        0        0   0.00000E+00   0.00000E+00   -713.99
0.00000E+00   0.00000E+00   0.00000E+00
      500        0        0   0.00000E+00   0.00000E+00   -775.37
0.00000E+00   0.00000E+00   0.00000E+00
      501        0        0   0.00000E+00   0.00000E+00   -967.46
0.00000E+00   0.00000E+00   0.00000E+00
      502        0        0   0.00000E+00   0.00000E+00   -1148.2
0.00000E+00   0.00000E+00   0.00000E+00
      503        0        0   0.00000E+00   0.00000E+00   -973.26
0.00000E+00   0.00000E+00   0.00000E+00
      504        0        0   0.00000E+00   0.00000E+00   -742.59
0.00000E+00   0.00000E+00   0.00000E+00
      505        0        0   0.00000E+00   0.00000E+00   -1090.1
0.00000E+00   0.00000E+00   0.00000E+00
      506        0        0   0.00000E+00   0.00000E+00   -1026.6
0.00000E+00   0.00000E+00   0.00000E+00
      507        0        0   0.00000E+00   0.00000E+00   -1028.6
0.00000E+00   0.00000E+00   0.00000E+00
      508        0        0   0.00000E+00   0.00000E+00   -1125.4
0.00000E+00   0.00000E+00   0.00000E+00
      509        0        0   0.00000E+00   0.00000E+00   -1285.1
0.00000E+00   0.00000E+00   0.00000E+00
      510        0        0   0.00000E+00   0.00000E+00   -1585.5
0.00000E+00   0.00000E+00   0.00000E+00
      511        0        0   0.00000E+00   0.00000E+00   -1339.5
0.00000E+00   0.00000E+00   0.00000E+00
      512        0        0   0.00000E+00   0.00000E+00   -1145.7
0.00000E+00   0.00000E+00   0.00000E+00
      513        0        0   0.00000E+00   0.00000E+00   -1115.5
0.00000E+00   0.00000E+00   0.00000E+00
      514        0        0   0.00000E+00   0.00000E+00   -1108.9
0.00000E+00   0.00000E+00   0.00000E+00
      515        0        0   0.00000E+00   0.00000E+00   -1152.3
0.00000E+00   0.00000E+00   0.00000E+00
      516        0        0   0.00000E+00   0.00000E+00   -8612.6
0.00000E+00   0.00000E+00   0.00000E+00
      517        0        0   0.00000E+00   0.00000E+00   -10084.
0.00000E+00   0.00000E+00   0.00000E+00
      518        0        0   0.00000E+00   0.00000E+00   -1103.5
0.00000E+00   0.00000E+00   0.00000E+00
      519        0        0   0.00000E+00   0.00000E+00   -486.10
0.00000E+00   0.00000E+00   0.00000E+00
      520        0        0   0.00000E+00   0.00000E+00   -314.03
0.00000E+00   0.00000E+00   0.00000E+00
      521        0        0   0.00000E+00   0.00000E+00   -308.65
0.00000E+00   0.00000E+00   0.00000E+00
      522        0        0   0.00000E+00   0.00000E+00   -303.27
```

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0.00000E+00   0.00000E+00   0.00000E+00
523       0       0   0.00000E+00   0.00000E+00   -315.27
0.00000E+00   0.00000E+00   0.00000E+00
524       0       0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
525       0       0   0.00000E+00   0.00000E+00   -310.78
0.00000E+00   0.00000E+00   0.00000E+00
526       0       0   0.00000E+00   0.00000E+00   -249.13
0.00000E+00   0.00000E+00   0.00000E+00
527       0       0   0.00000E+00   0.00000E+00   -268.62
0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -337.26
0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -302.31
0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -284.09
0.00000E+00   0.00000E+00   0.00000E+00
531       0       0   0.00000E+00   0.00000E+00   -314.59
0.00000E+00   0.00000E+00   0.00000E+00
532       0       0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -28.599
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -55.063
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -218.57
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -235.30
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -246.89
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -218.57
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -299.25
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -351.50
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -298.78
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -233.43
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -218.57
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -255.49
0.00000E+00   0.00000E+00   0.00000E+00
548       0       0   0.00000E+00   0.00000E+00   -226.70
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -218.57
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -307.29
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -352.44
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -304.67
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -218.57
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -230.63
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -251.57
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -218.57
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -237.36
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -296.16
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -351.50
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -297.94
0.00000E+00   0.00000E+00   0.00000E+00
```

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561        0        0   0.00000E+00   0.00000E+00   -399.55
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1964.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1944.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -2209.4
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2055.3
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2571.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3118.5
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2652.4
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2263.5
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2113.7
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2338.7
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2038.5
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -29302.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -33791.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2433.8
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1818.9
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1987.3
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -1953.2
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1919.1
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1995.1
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1966.7
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1576.6
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1699.9
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -2134.3
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -1913.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1797.8
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1990.8
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -180.98
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -181.64
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1719.5
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1816.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2469.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2304.4
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2950.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -3018.2
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2542.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2434.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2613.3
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2363.7
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -36836.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -67510.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -35146.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2337.7
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2490.7
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2521.2
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2455.9
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2519.3
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2257.6
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2445.0
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2042.1
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2206.8
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2665.9
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2521.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2276.3
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2501.4
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2259.3
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -718.11
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00  -0.99801
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -9.4479
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.10
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1923.9
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2040.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2666.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.7
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.1
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.6
0.00000E+00   0.00000E+00   0.00000E+00
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       685        0        0   0.00000E+00   0.00000E+00   -2061.5
   0.00000E+00   0.00000E+00   0.00000E+00
       686        0        0   0.00000E+00   0.00000E+00   -2388.2
   0.00000E+00   0.00000E+00   0.00000E+00
       687        0        0   0.00000E+00   0.00000E+00   -2252.1
   0.00000E+00   0.00000E+00   0.00000E+00
       688        0        0   0.00000E+00   0.00000E+00   -53430.
   0.00000E+00   0.00000E+00   0.00000E+00
       689        0        0   0.00000E+00   0.00000E+00   -68198.
   0.00000E+00   0.00000E+00   0.00000E+00
       690        0        0   0.00000E+00   0.00000E+00   -2349.5
   0.00000E+00   0.00000E+00   0.00000E+00
       691        0        0   0.00000E+00   0.00000E+00   -2025.5
   0.00000E+00   0.00000E+00   0.00000E+00
       692        0        0   0.00000E+00   0.00000E+00   -2288.1
   0.00000E+00   0.00000E+00   0.00000E+00
       693        0        0   0.00000E+00   0.00000E+00   -2161.6
   0.00000E+00   0.00000E+00   0.00000E+00
       694        0        0   0.00000E+00   0.00000E+00   -2109.9
   0.00000E+00   0.00000E+00   0.00000E+00
       695        0        0   0.00000E+00   0.00000E+00   -2194.2
   0.00000E+00   0.00000E+00   0.00000E+00
       696        0        0   0.00000E+00   0.00000E+00   -1923.8
   0.00000E+00   0.00000E+00   0.00000E+00
       697        0        0   0.00000E+00   0.00000E+00   -1875.8
   0.00000E+00   0.00000E+00   0.00000E+00
       698        0        0   0.00000E+00   0.00000E+00   -2042.4
   0.00000E+00   0.00000E+00   0.00000E+00
       699        0        0   0.00000E+00   0.00000E+00   -2138.7
   0.00000E+00   0.00000E+00   0.00000E+00
       700        0        0   0.00000E+00   0.00000E+00   -2450.8
   0.00000E+00   0.00000E+00   0.00000E+00
       701        0        0   0.00000E+00   0.00000E+00   -1926.2
   0.00000E+00   0.00000E+00   0.00000E+00
       702        0        0   0.00000E+00   0.00000E+00   -2054.8
   0.00000E+00   0.00000E+00   0.00000E+00
       703        0        0   0.00000E+00   0.00000E+00   -2200.9
   0.00000E+00   0.00000E+00   0.00000E+00
       704        0        0   0.00000E+00   0.00000E+00   -1922.4
   0.00000E+00   0.00000E+00   0.00000E+00
       705        0        0   0.00000E+00   0.00000E+00   -2179.1
   0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -1382.7
   0.00000E+00   0.00000E+00   0.00000E+00
       707        0        0   0.00000E+00   0.00000E+00   -803.82
   0.00000E+00   0.00000E+00   0.00000E+00
       708        0        0   0.00000E+00   0.00000E+00   -185.50
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -270.80
   0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -3315.0
   0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -4084.4
   0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -5062.0
   0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00   -6091.4
   0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -5102.6
   0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -4506.7
   0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -4122.5
   0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -4494.6
   0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -4233.5
   0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -4291.2
   0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
```

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0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -13360.
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748        0        0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3805.0
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3757.1
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3776.3
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4108.5
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760        0        0   0.00000E+00   0.00000E+00   -4234.0
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761        0        0   0.00000E+00   0.00000E+00   -3774.0
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762        0        0   0.00000E+00   0.00000E+00   -4307.7
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -2486.8
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765        0        0   0.00000E+00   0.00000E+00   -573.88
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792        0        0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12239.
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796        0        0   0.00000E+00   0.00000E+00   -10126.
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797        0        0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8022.6
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801        0        0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1096.9
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -253.12
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -4204.1
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3538.6
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3994.9
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -55383.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -95824.
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -15006.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -3542.2
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -4166.1
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -4054.3
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -3452.7
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -3392.1
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -3369.8
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -3531.5
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -3733.5
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -4119.4
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 268
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 588

CDM_TRsx - Fz (My) @ 28 - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -249.82 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -707.95 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -859.66 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -911.74 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1147.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -926.08 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -815.88 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -752.48 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -717.76 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -850.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -707.95 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -965.32 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1147.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -990.23 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -741.92 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -728.33 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -840.03 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -707.95 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -782.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -963.06 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1147.2
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -951.74
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -888.04
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1148.4
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -988.50
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1067.1
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1100.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1287.3
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1584.6
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1266.4
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -434.36
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -297.44
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -312.79
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -797.13
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -9753.4
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -6805.2
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -288.43
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -333.43
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -278.81
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -327.23
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -300.15
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -296.20
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -310.28
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -271.43
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -262.32
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -281.98
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -310.76
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -328.02
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -287.26
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -271.43
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -323.70
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -166.89
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -76.476
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -216.72
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -263.16
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -279.10
0.00000E+00   0.00000E+00   0.00000E+00
```

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543        0        0   0.00000E+00   0.00000E+00   -351.19
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -283.49
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -249.76
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -230.35
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -219.72
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -260.39
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -216.72
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -295.51
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.19
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -303.13
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -227.12
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -222.96
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -257.15
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -216.72
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -239.59
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -294.81
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.19
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -291.35
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1170.0
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2272.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1992.1
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1975.7
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2297.9
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2487.9
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3118.9
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2570.3
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2119.9
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1882.3
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1979.4
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -3714.2
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -35648.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -25239.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -1825.3
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2110.0
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1764.4
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2070.8
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1899.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1874.4
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1963.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1717.7
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1660.0
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1784.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1966.5
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2075.8
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1817.8
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1717.7
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -2048.5
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1056.1
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -155.06
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -35.782
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -947.23
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2025.4
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1878.5
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2210.3
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2568.2
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2861.8
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.4
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2955.3
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2620.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2454.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2491.5
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -4772.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -45270.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -56912.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -34768.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2694.0
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2267.0
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2639.2
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2436.1
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2398.2
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2508.7
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2195.1
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2125.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
641        0        0   0.00000E+00   0.00000E+00   -2291.7
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2497.5
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2684.3
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2296.4
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2227.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2595.7
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1531.1
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -536.47
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -629.53
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -145.28
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5.2046
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -11.129
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.44
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2041.8
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2665.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.8
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.4
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.6
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.7
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2060.9
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2406.3
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2317.6
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53348.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68196.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2351.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2024.3
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2288.8
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2161.5
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2109.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2195.6
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1876.2
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2042.8
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2137.8
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2451.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1926.3
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2053.3
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2202.8
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1918.8
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2178.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1670.8
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -842.18
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.4
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4506.7
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4494.6
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4233.5
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4291.2
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3805.0
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3757.1
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755        0        0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3776.3
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4108.5
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4234.0
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3774.0
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       762        0        0   0.00000E+00   0.00000E+00   -4307.7
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -3825.9
0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -2295.5
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -1687.5
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -1012.5
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -3662.8
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 851 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4410.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4466.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4143.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4204.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3538.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3994.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55383. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95824. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15006. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3542.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4166.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4054.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3452.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3392.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 266
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 589

CDM_TRsx - Fz (My) @ 34 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | |
|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE |

| FORCE NODE | FORCE NODE | FORCE RNCE | FX | FY | FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -43.588 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -340.88 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1008.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1269.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1162.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -985.59 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1072.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1085.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1007.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1342.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1539.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1050.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.40 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -786.71 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -779.80 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.40 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -848.89 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -918.84 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1146.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -924.88 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -968.67 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1065.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1008.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1112.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1032.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1317.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1584.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1225.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -337.25 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -297.44 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -312.79 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -797.13 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9753.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6805.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.43 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

```
519        0        0   0.00000E+00   0.00000E+00   -333.43
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -278.81
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -327.23
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -300.15
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -296.20
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -310.28
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -271.43
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -262.32
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -281.98
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -310.76
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -328.02
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -287.26
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -271.43
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -323.70
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -166.89
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -275.84
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2157.2
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2929.2
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2515.5
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2265.1
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1894.6
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -2246.5
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1972.1
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -2123.5
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2600.5
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2764.2
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -649.01
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -216.25
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -240.83
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -238.72
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -216.25
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -259.86
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -281.28
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.07
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -283.13
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1194.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2246.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
563       0       0   0.00000E+00   0.00000E+00   -1998.2
0.00000E+00   0.00000E+00   0.00000E+00
564       0       0   0.00000E+00   0.00000E+00   -1989.6
0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -2276.9
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -2497.1
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -3118.8
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -2557.8
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -2090.2
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -1882.3
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -1979.4
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -3714.2
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -35648.
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -25239.
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -1825.3
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -2110.0
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -1764.4
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -2070.8
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -1899.4
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -1874.4
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -1963.5
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -1717.7
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -1660.0
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -1784.5
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -1966.5
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -2075.8
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -1817.8
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -1717.7
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -2048.5
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -1056.1
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -233.42
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -546.16
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -491.77
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -496.30
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -541.63
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -743.68
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -2819.9
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -3538.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
601        0        0   0.00000E+00   0.00000E+00   -2888.9
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2480.4
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -1800.0
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2023.0
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -1729.6
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -1914.2
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2309.3
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -2418.2
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -345.45
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -947.23
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2025.4
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1878.5
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2210.3
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2568.2
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2861.8
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.4
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2955.3
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2620.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2454.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2491.5
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -4772.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -45270.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -56912.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -34768.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2694.0
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2267.0
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2639.2
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2436.1
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2398.2
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2508.7
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2195.1
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2125.9
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2291.7
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2497.5
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2684.3
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2296.4
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2227.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2595.7
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1531.1
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -536.47
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -947.69
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2217.4
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -1996.6
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -2015.0
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2199.0
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1896.9
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2670.9
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3161.9
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2634.6
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -1906.4
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -496.88
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -11.115
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -9.5034
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -10.517
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -12.689
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -13.287
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -1.8981
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5.2046
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -11.129
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.44
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2041.8
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2665.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.8
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.4
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.6
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.7
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2060.9
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2406.3
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2317.6
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53348.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68196.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
690        0        0   0.00000E+00   0.00000E+00   -2351.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2024.3
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2288.8
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2161.5
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2109.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2195.6
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1876.2
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2042.8
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2137.8
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2451.6
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1926.3
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2053.3
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2202.8
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1918.8
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2178.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1833.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4445.2
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -3758.7
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -4261.1
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -3942.8
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -4134.1
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5039.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6087.8
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5191.9
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -2909.8
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -336.31
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.4
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4506.7
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4494.6
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4233.5
 0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4291.2
 0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
 0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
 0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -13360.
 0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -3985.1
 0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4623.6
 0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4022.3
 0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4418.6
 0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4036.9
 0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3805.0
 0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3757.1
 0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3990.0
 0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4202.9
 0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4701.7
 0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3776.3
 0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4108.5
 0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4234.0
 0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3774.0
 0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4307.7
 0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2706.5
 0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3649.9
 0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -9021.4
 0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -7368.6
 0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -8883.6
 0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -7506.3
 0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -8745.9
 0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -9916.6
 0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12120.
 0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -10468.
 0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -4958.3
 0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -6174.3
 0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -8304.1
 0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9998.9
 0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12239.
 0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10126.
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
797        0        0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1609.9
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3979.1
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3250.1
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3918.4
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3310.9
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3857.6
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4374.0
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5346.0
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4617.0
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -2187.0
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4410.3
```

| | | | | | |
|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4466.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4143.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4204.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3538.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3994.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55383. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95824. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15006. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3542.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4166.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4054.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3452.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3392.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 317
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 590

CDM_TRsx - Fz (My) @ 34 (+X) - Positive - Frequent

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|

| | MX | MY | MZ | | |
|---|---|---|---|---|---|
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -68.883 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -266.35 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -371.97 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -658.63 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1255.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1051.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1030.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1115.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1019.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1050.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1338.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1582.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1331.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -906.56 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -831.86 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -705.77 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -799.21 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -766.55 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -942.54 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1146.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -957.96 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -858.83 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -975.81 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1140.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1022.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1022.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1360.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1515.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -596.77 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -279.12 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -343.77 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -281.35 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -332.18 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7820.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9210.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -303.35 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

```
519        0        0   0.00000E+00   0.00000E+00   -305.50
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -309.91
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -297.40
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -327.72
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -275.36
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -321.68
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -276.20
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -255.03
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -275.62
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -322.99
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -316.04
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -296.09
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -270.04
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -320.73
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -168.65
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -435.91
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1685.5
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2353.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2889.6
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2602.2
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1925.7
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -2267.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1962.0
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2120.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -2085.9
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2568.6
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3109.8
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2686.4
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1317.3
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -254.65
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -216.05
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -244.66
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -234.66
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -288.53
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.01
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -293.25
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -676.59
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1924.9
 0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2155.2
 0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -2107.6
 0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1939.1
 0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2684.4
 0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3132.4
 0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2498.2
 0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -1766.4
 0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2175.5
 0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1780.5
 0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2102.1
 0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -28738.
 0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -33807.
 0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -1919.7
 0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1933.3
 0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1961.2
 0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -1882.0
 0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2073.9
 0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1742.5
 0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -2035.6
 0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1747.8
 0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1613.9
 0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1744.2
 0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -2044.0
 0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2000.0
 0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1873.7
 0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1708.9
 0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -2029.6
 0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1067.3
 0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -233.13
 0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -547.14
 0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -490.05
 0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -499.57
 0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -975.11
 0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2157.9
 0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -3023.7
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
600        0        0   0.00000E+00   0.00000E+00   -3605.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2981.4
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2157.9
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2625.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2180.1
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2373.7
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -1913.1
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2276.9
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -2768.8
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -2403.2
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -1096.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -436.28
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1715.0
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -2001.3
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2363.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2215.1
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -3045.6
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3577.0
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -3095.4
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2297.9
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2749.0
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2291.8
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2695.6
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -36497.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -67809.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -34863.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2516.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2464.5
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2449.8
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2611.2
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2265.8
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2581.1
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2225.3
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2079.6
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2251.2
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2575.3
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2608.3
```

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 0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2352.5
 0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2218.4
 0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2576.8
 0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1542.3
 0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -536.47
 0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
 0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -946.51
 0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2221.4
 0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -1989.6
 0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -2028.2
 0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2185.2
 0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1902.3
 0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2698.0
 0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3144.9
 0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2620.6
 0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -1902.3
 0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -2310.0
 0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1921.7
 0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1903.5
 0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -222.71
 0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -12.510
 0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -15.213
 0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -13.205
 0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -6.0254
 0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2.3972
 0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -9.4233
 0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -403.12
 0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1923.3
 0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2039.8
 0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2666.6
 0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3112.0
 0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2666.1
 0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2141.8
 0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2308.3
 0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2059.8
 0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2390.0
 0.00000E+00   0.00000E+00   0.00000E+00
```

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687        0        0   0.00000E+00   0.00000E+00   -2250.2
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53432.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68196.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2350.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2025.3
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2287.7
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2162.5
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2108.5
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2196.0
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1922.6
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1876.0
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2042.6
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2138.2
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2451.2
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1926.6
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2053.2
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2202.7
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1918.8
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2178.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1859.6
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4374.0
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -3902.7
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -4007.2
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4269.5
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3719.3
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5316.6
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6129.1
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5107.6
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -3758.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -4505.1
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -3732.6
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -2045.2
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -146.54
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
737       0       0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
738       0       0   0.00000E+00   0.00000E+00   -6091.4
0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
740       0       0   0.00000E+00   0.00000E+00   -4506.7
0.00000E+00   0.00000E+00   0.00000E+00
741       0       0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
742       0       0   0.00000E+00   0.00000E+00   -4494.6
0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -4233.5
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -4291.2
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00  -0.10033E+06
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00  -0.14910E+06
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
748       0       0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
749       0       0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
751       0       0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
752       0       0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
753       0       0   0.00000E+00   0.00000E+00   -3805.0
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -3757.1
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
756       0       0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
757       0       0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
758       0       0   0.00000E+00   0.00000E+00   -3776.3
0.00000E+00   0.00000E+00   0.00000E+00
759       0       0   0.00000E+00   0.00000E+00   -4108.5
0.00000E+00   0.00000E+00   0.00000E+00
760       0       0   0.00000E+00   0.00000E+00   -4234.0
0.00000E+00   0.00000E+00   0.00000E+00
761       0       0   0.00000E+00   0.00000E+00   -3774.0
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00   -4307.7
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
764       0       0   0.00000E+00   0.00000E+00   -3733.8
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -8792.4
0.00000E+00   0.00000E+00   0.00000E+00
766       0       0   0.00000E+00   0.00000E+00   -7828.8
0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -8069.7
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -8551.5
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -7467.5
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -10719.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -12285.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -10238.
0.00000E+00   0.00000E+00   0.00000E+00
```

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       773        0        0   0.00000E+00   0.00000E+00   -7588.0
   0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -9033.3
   0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -7467.5
   0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -2288.4
   0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -6174.3
   0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -8304.1
   0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -9998.9
   0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -12239.
   0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -10126.
   0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -9393.5
   0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -7854.5
   0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -9531.4
   0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -8022.6
   0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -9057.2
   0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -65877.
   0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -20998.
   0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -8030.8
   0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -9445.2
   0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -7854.5
   0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -9191.9
   0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -7827.8
   0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -7690.4
   0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -7640.0
   0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -8006.4
   0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -8464.5
   0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -9339.3
   0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -7594.2
   0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -8349.9
   0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -8423.2
   0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -7594.2
   0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -8679.7
   0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -5423.1
   0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -1646.9
   0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -3878.1
   0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -3453.1
   0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -3559.4
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0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -3771.9
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826       0       0   0.00000E+00   0.00000E+00   -3293.7
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -4728.1
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -5418.8
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -4515.6
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -3346.9
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -3984.4
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -3293.7
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -1009.4
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -2723.3
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850       0       0   0.00000E+00   0.00000E+00   -3662.8
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851       0       0   0.00000E+00   0.00000E+00   -4410.3
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852       0       0   0.00000E+00   0.00000E+00   -5398.2
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853       0       0   0.00000E+00   0.00000E+00   -4466.5
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854       0       0   0.00000E+00   0.00000E+00   -4143.2
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855       0       0   0.00000E+00   0.00000E+00   -3464.4
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856       0       0   0.00000E+00   0.00000E+00   -4204.1
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857       0       0   0.00000E+00   0.00000E+00   -3538.6
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858       0       0   0.00000E+00   0.00000E+00   -3994.9
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859       0       0   0.00000E+00   0.00000E+00   -55383.
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861       0       0   0.00000E+00   0.00000E+00   -15006.
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862       0       0   0.00000E+00   0.00000E+00   -3542.2
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863       0       0   0.00000E+00   0.00000E+00   -4166.1
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864       0       0   0.00000E+00   0.00000E+00   -3464.4
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865       0       0   0.00000E+00   0.00000E+00   -4054.3
0.00000E+00   0.00000E+00   0.00000E+00
866       0       0   0.00000E+00   0.00000E+00   -3452.7
0.00000E+00   0.00000E+00   0.00000E+00
867       0       0   0.00000E+00   0.00000E+00   -3392.1
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868       0       0   0.00000E+00   0.00000E+00   -3369.8
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869       0       0   0.00000E+00   0.00000E+00   -3531.5
0.00000E+00   0.00000E+00   0.00000E+00
870       0       0   0.00000E+00   0.00000E+00   -3733.5
0.00000E+00   0.00000E+00   0.00000E+00
871       0       0   0.00000E+00   0.00000E+00   -4119.4
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872       0       0   0.00000E+00   0.00000E+00   -3349.6
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873       0       0   0.00000E+00   0.00000E+00   -3683.0
0.00000E+00   0.00000E+00   0.00000E+00
874       0       0   0.00000E+00   0.00000E+00   -3715.3
0.00000E+00   0.00000E+00   0.00000E+00
875       0       0   0.00000E+00   0.00000E+00   -3349.6
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 330
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 591

CDM_TRsx - Fz (My) @ 40 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -82.000 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.24 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -309.02 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -290.22 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -359.51 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.33 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -350.98 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -321.91 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.24 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -289.87 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -309.37 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.24 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -372.05 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.33 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -376.05 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -284.30 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.24 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -327.48 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.77 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -283.26 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -814.86 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1579.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1284.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1123.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
505        0        0   0.00000E+00   0.00000E+00   -1007.6
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1097.7
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1015.5
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1082.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1325.7
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1579.6
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -936.60
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -322.63
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -304.45
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -306.25
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -803.37
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -9747.6
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -6810.9
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -283.58
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -336.80
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -279.50
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -323.13
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -303.95
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -292.48
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -313.55
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -261.32
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -281.11
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -312.45
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -326.38
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -288.48
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -323.30
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -167.13
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -518.92
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1955.6
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1836.6
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2275.1
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2221.1
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2037.1
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0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1834.4
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1957.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2354.4
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2379.7
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1799.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2072.4
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1719.8
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1792.5
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2518.3
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3117.2
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2635.9
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1977.3
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2165.2
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2088.0
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1944.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2263.7
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2523.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3117.2
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2487.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2041.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1926.6
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1938.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -3753.6
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -35612.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -25276.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -1794.6
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2131.4
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1768.7
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2044.8
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1923.5
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1850.9
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1984.2
0.00000E+00   0.00000E+00   0.00000E+00
```

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582        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1653.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1778.9
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1977.2
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2065.4
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1825.6
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -2045.9
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1057.7
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -237.66
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -529.09
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1039.5
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2198.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2502.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2351.6
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2909.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2838.1
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2604.7
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2210.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2316.4
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2535.5
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2199.9
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2999.5
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -3005.8
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2359.2
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2198.0
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2584.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2269.2
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2274.3
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3039.8
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -3003.3
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2245.2
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2433.6
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -2383.4
```

```
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2234.8
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2513.2
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2890.9
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2998.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2556.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2486.9
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2489.1
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -4742.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -45327.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -56841.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -34848.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2622.9
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2324.1
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2594.1
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2448.8
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2421.8
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2466.7
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2236.5
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2112.8
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2273.7
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2534.4
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2638.6
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2307.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2257.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2566.6
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1536.8
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -544.94
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -336.10
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -964.92
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2148.1
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2108.8
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1939.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2201.0
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2074.0
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2555.0
0.00000E+00   0.00000E+00   0.00000E+00
```

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657        0        0   0.00000E+00   0.00000E+00   -3114.2
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2484.5
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2285.7
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1989.0
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1940.0
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -2327.4
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -1946.9
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2597.6
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3114.2
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2519.9
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2257.5
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -1939.3
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -2060.1
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2214.9
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -1939.7
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2639.9
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3114.2
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2604.1
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2130.6
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1940.6
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -2185.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2088.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1941.0
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2681.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3114.2
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2762.8
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2069.3
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2257.1
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2219.7
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2123.6
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2700.0
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -52910.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68646.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -1976.2
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2238.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2211.5
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2115.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2300.9
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1940.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2095.5
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1848.8
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1992.3
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2243.9
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2308.1
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1939.9
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2179.8
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2095.0
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1935.7
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2212.5
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1364.6
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1889.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4260.6
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4086.9
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3778.5
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4434.4
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3913.2
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5051.1
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6092.0
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5008.7
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4287.5
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3812.8
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4170.4
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4171.9
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3801.9
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -5255.0
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6092.0
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5110.9
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3997.7
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4086.0
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4071.5
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3968.6
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4230.7
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -4994.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
730        0        0   0.00000E+00   0.00000E+00   -6092.0
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5024.3
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4133.6
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3332.4
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1644.8
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3869.9
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -3767.0
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5205.1
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6106.5
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5443.0
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -3936.6
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4619.6
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4096.8
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4435.4
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4281.0
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.10023E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.14924E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -13149.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -4292.7
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4267.1
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4345.3
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4111.0
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4252.5
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3874.7
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3611.1
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3922.5
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4333.8
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4616.2
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3843.6
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4060.6
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4273.4
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761        0        0   0.00000E+00   0.00000E+00   -3767.0
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4294.1
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2712.8
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3786.2
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8598.1
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8150.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7572.3
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -9045.8
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7702.9
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10202.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12235.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -10221.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8411.6
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7572.3
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8784.6
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -7964.0
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7628.3
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10743.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12235.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -10463.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7572.3
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -8523.5
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8225.1
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7572.3
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8971.2
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -9847.8
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12235.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10016.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -8262.4
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -6192.2
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -447.98
0.00000E+00   0.00000E+00   0.00000E+00
792      793        1   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -10409.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12280.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10972.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -7787.7
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -9499.0
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -7961.3
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -9251.0
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -8209.3
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -66517.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11038E+06
0.00000E+00   0.00000E+00   0.00000E+00
```

```
804        0        0   0.00000E+00   0.00000E+00   -21146.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8524.9
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -8506.9
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -8953.3
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -7831.1
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -9038.6
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7246.7
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -7905.5
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8643.3
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9381.2
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7773.7
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -7931.8
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8775.1
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8564.3
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5481.1
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1670.0
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3792.4
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3595.0
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3340.0
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3989.9
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3397.6
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4499.9
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5396.6
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4508.2
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3710.2
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3340.0
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3874.7
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3512.7
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3364.7
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -4738.5
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -5396.6
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -4615.1
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3340.0
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3759.5
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -3627.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3340.0
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -3957.0
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -4343.6
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -5396.6
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -4417.7
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -3644.4
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -2731.2
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -197.59
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -3324.2
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -3324.2
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4591.1
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5416.4
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4839.3
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -3435.0
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -4189.8
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -3511.5
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -4080.4
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3620.9
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -55665.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -95594.
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -15071.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -3760.2
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -3752.2
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3949.1
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -3454.1
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -3986.7
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -3324.2
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -3196.3
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -3486.9
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -3812.4
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -4137.8
0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -3428.8
0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -3498.5
0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -3870.5
0.00000E+00   0.00000E+00   0.00000E+00
875        0        0   0.00000E+00   0.00000E+00   -3324.2
0.00000E+00   0.00000E+00   0.00000E+00
876        0        0   0.00000E+00   0.00000E+00   -3777.5
0.00000E+00   0.00000E+00   0.00000E+00
```

877 0 0 0.00000E+00 0.00000E+00 -2417.6
0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 391
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 592

CDM_TRsx - Fz (My) @ 40 (+X) - Positive - Frequent

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -82.000 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.24 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -309.02 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -290.22 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -359.51 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.33 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -350.98 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -321.91 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.24 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -289.87 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -309.37 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.24 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -372.05 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.33 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -376.05 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -284.30 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.24 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -327.48 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.77 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -283.26 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -814.86 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1579.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1284.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1123.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1007.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

```
506        0        0   0.00000E+00   0.00000E+00   -1097.7
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1015.5
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1082.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1325.7
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1579.6
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -936.60
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -322.63
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -304.45
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -306.25
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -320.83
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -7817.4
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -9223.6
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -283.58
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -336.80
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -279.50
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -323.13
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -303.95
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -292.48
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -313.55
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -261.32
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -281.11
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -312.45
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -326.38
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -288.48
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -323.30
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -167.13
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -518.92
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1955.6
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1836.6
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2275.1
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2221.1
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2037.1
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1716.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1834.4
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1957.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2354.4
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2379.7
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1799.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2072.4
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1719.8
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1792.5
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2518.3
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3117.2
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2635.9
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1977.3
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2165.2
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2088.0
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1944.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2263.7
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2523.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3117.2
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2487.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2041.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1926.6
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1938.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2030.3
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -28719.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -33892.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -1794.6
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2131.4
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1768.7
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2044.8
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1923.5
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1850.9
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1984.2
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
```

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583        0        0   0.00000E+00   0.00000E+00   -1653.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1778.9
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1977.2
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2065.4
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1825.6
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -2045.9
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1057.7
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -237.66
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -529.09
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1039.5
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2198.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2502.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2351.6
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2909.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2838.1
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2604.7
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2210.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2316.4
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2535.5
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2199.9
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2999.5
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -3005.8
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2359.2
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2198.0
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2584.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2269.2
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2274.3
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3039.8
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -3003.3
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2245.2
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2433.6
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -2383.4
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2234.8
```

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0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2513.2
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2890.9
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2998.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2556.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2486.9
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2489.1
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2553.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -36571.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -62061.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -36409.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6786.7
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2324.1
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2594.1
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2448.8
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2421.8
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2466.7
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2236.5
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2112.8
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2273.7
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2534.4
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2638.6
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2307.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2257.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2566.6
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1536.8
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -544.94
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -336.10
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -964.92
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2148.1
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2108.8
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1939.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2201.0
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2074.0
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2555.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3114.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       658        0        0   0.00000E+00   0.00000E+00   -2484.5
   0.00000E+00   0.00000E+00   0.00000E+00
       659        0        0   0.00000E+00   0.00000E+00   -2285.7
   0.00000E+00   0.00000E+00   0.00000E+00
       660        0        0   0.00000E+00   0.00000E+00   -1989.0
   0.00000E+00   0.00000E+00   0.00000E+00
       661        0        0   0.00000E+00   0.00000E+00   -1940.0
   0.00000E+00   0.00000E+00   0.00000E+00
       662        0        0   0.00000E+00   0.00000E+00   -2327.4
   0.00000E+00   0.00000E+00   0.00000E+00
       663        0        0   0.00000E+00   0.00000E+00   -1946.9
   0.00000E+00   0.00000E+00   0.00000E+00
       664        0        0   0.00000E+00   0.00000E+00   -2597.6
   0.00000E+00   0.00000E+00   0.00000E+00
       665        0        0   0.00000E+00   0.00000E+00   -3114.2
   0.00000E+00   0.00000E+00   0.00000E+00
       666        0        0   0.00000E+00   0.00000E+00   -2519.9
   0.00000E+00   0.00000E+00   0.00000E+00
       667        0        0   0.00000E+00   0.00000E+00   -2257.5
   0.00000E+00   0.00000E+00   0.00000E+00
       668        0        0   0.00000E+00   0.00000E+00   -1939.3
   0.00000E+00   0.00000E+00   0.00000E+00
       669        0        0   0.00000E+00   0.00000E+00   -2060.1
   0.00000E+00   0.00000E+00   0.00000E+00
       670        0        0   0.00000E+00   0.00000E+00   -2214.9
   0.00000E+00   0.00000E+00   0.00000E+00
       671        0        0   0.00000E+00   0.00000E+00   -1939.7
   0.00000E+00   0.00000E+00   0.00000E+00
       672        0        0   0.00000E+00   0.00000E+00   -2639.9
   0.00000E+00   0.00000E+00   0.00000E+00
       673        0        0   0.00000E+00   0.00000E+00   -3114.2
   0.00000E+00   0.00000E+00   0.00000E+00
       674        0        0   0.00000E+00   0.00000E+00   -2604.1
   0.00000E+00   0.00000E+00   0.00000E+00
       675        0        0   0.00000E+00   0.00000E+00   -2130.6
   0.00000E+00   0.00000E+00   0.00000E+00
       676        0        0   0.00000E+00   0.00000E+00   -1940.6
   0.00000E+00   0.00000E+00   0.00000E+00
       677        0        0   0.00000E+00   0.00000E+00   -2185.2
   0.00000E+00   0.00000E+00   0.00000E+00
       678        0        0   0.00000E+00   0.00000E+00   -2088.5
   0.00000E+00   0.00000E+00   0.00000E+00
       679        0        0   0.00000E+00   0.00000E+00   -1941.0
   0.00000E+00   0.00000E+00   0.00000E+00
       680        0        0   0.00000E+00   0.00000E+00   -2681.2
   0.00000E+00   0.00000E+00   0.00000E+00
       681        0        0   0.00000E+00   0.00000E+00   -3114.2
   0.00000E+00   0.00000E+00   0.00000E+00
       682        0        0   0.00000E+00   0.00000E+00   -2762.8
   0.00000E+00   0.00000E+00   0.00000E+00
       683        0        0   0.00000E+00   0.00000E+00   -2069.3
   0.00000E+00   0.00000E+00   0.00000E+00
       684        0        0   0.00000E+00   0.00000E+00   -2257.1
   0.00000E+00   0.00000E+00   0.00000E+00
       685        0        0   0.00000E+00   0.00000E+00   -2219.7
   0.00000E+00   0.00000E+00   0.00000E+00
       686        0        0   0.00000E+00   0.00000E+00   -2106.7
   0.00000E+00   0.00000E+00   0.00000E+00
       687        0        0   0.00000E+00   0.00000E+00   -2632.7
   0.00000E+00   0.00000E+00   0.00000E+00
       688        0        0   0.00000E+00   0.00000E+00   -41315.
   0.00000E+00   0.00000E+00   0.00000E+00
       689        0        0   0.00000E+00   0.00000E+00   -71831.
   0.00000E+00   0.00000E+00   0.00000E+00
       690        0        0   0.00000E+00   0.00000E+00   -10470.
   0.00000E+00   0.00000E+00   0.00000E+00
       691        0        0   0.00000E+00   0.00000E+00   -2238.6
   0.00000E+00   0.00000E+00   0.00000E+00
       692        0        0   0.00000E+00   0.00000E+00   -2211.5
   0.00000E+00   0.00000E+00   0.00000E+00
       693        0        0   0.00000E+00   0.00000E+00   -2115.0
   0.00000E+00   0.00000E+00   0.00000E+00
       694        0        0   0.00000E+00   0.00000E+00   -2300.9
```

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0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1940.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2095.5
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1848.8
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1992.3
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2243.9
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2308.1
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1939.9
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2179.8
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2095.0
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1935.7
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2212.5
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1364.6
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.6
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.1
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3774.1
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4474.2
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.1
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.1
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6090.8
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5079.6
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4181.4
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3811.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4039.4
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3957.8
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -5151.2
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6090.8
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5040.5
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3999.1
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4288.8
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -3854.6
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -4145.5
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4113.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5012.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6090.8
0.00000E+00   0.00000E+00   0.00000E+00
```

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731        0        0   0.00000E+00   0.00000E+00   -4933.4
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4417.8
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3772.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -2361.2
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3429.6
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4015.1
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5072.6
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6093.2
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5169.8
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4455.6
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4088.1
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4604.3
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4038.4
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4555.1
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -87427.
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.15284E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22261.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -4133.0
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4570.4
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -3990.1
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4550.9
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -3861.1
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3924.5
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3738.3
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3955.2
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4276.0
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4602.7
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3785.6
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4195.8
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4159.7
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3785.6
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4331.4
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2694.0
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3777.1
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8635.2
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8092.4
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7558.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -9169.0
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -12231.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -10440.
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -8083.4
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -7567.7
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -9160.0
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -8110.5
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -10422.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -12231.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -10246.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -7576.8
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -9150.9
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -8119.6
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -8608.1
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -9901.8
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -12231.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -9734.4
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -9141.9
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -2664.3
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
```

```
804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5423.1
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821        0        0   0.00000E+00   0.00000E+00   -1666.0
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3808.8
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3569.4
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3334.0
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -4044.2
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4523.1
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5395.0
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4604.9
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830        0        0   0.00000E+00   0.00000E+00   -3565.4
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3337.9
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -4040.2
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833        0        0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3577.4
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -4596.9
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -5395.0
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -4519.1
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3341.9
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -4036.3
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -3332.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3581.4
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -3796.8
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -4367.5
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -5395.0
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -4293.6
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -4032.3
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -1175.2
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4410.3
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852        0        0   0.00000E+00   0.00000E+00   -5398.2
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853        0        0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -4204.1
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3538.6
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3994.9
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -55383.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -95824.
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -15006.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -3542.2
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -4166.1
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -4054.3
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -3452.7
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -3392.1
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -3369.8
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -3531.5
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -3733.5
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -4119.4
0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -3349.6
0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -3683.0
0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -3715.3
0.00000E+00   0.00000E+00   0.00000E+00
875        0        0   0.00000E+00   0.00000E+00   -3349.6
0.00000E+00   0.00000E+00   0.00000E+00
876        0        0   0.00000E+00   0.00000E+00   -3828.4
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 391
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 593

CDM_TRsx - Fz (My) @ 46 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -121.72 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -295.33 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -302.44 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -269.95 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -374.86 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -441.30 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -379.39 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -269.95 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -295.65 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -302.12 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -269.95 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -315.05 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -355.62 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.09 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7022.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9319.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1019.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -269.95 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -315.37 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -282.40 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -505.75 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1441.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1286.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1129.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1014.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
506        0        0   0.00000E+00   0.00000E+00   -1028.1
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1142.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -820.40
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -960.52
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1148.0
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -989.41
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -813.40
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -789.87
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -856.09
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -872.33
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -1232.0
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1042.5
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -1261.7
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -994.81
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1160.9
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1089.7
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1134.8
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1104.4
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1027.6
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1082.2
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -915.77
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -711.84
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -307.62
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -339.13
0.00000E+00   0.00000E+00   0.00000E+00
530      531        1   0.00000E+00   0.00000E+00   -265.96
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -17.624
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -770.27
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1868.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1913.9
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1708.3
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2372.2
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2792.6
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2400.8
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1708.3
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1871.0
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1911.9
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1708.3
```

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0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1993.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2250.5
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2766.0
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -26067.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -34100.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4473.3
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1708.3
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1995.8
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1787.1
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2336.3
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3073.5
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2589.9
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2161.3
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1936.3
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2215.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -2048.5
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -904.33
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -294.04
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.43
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -302.88
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -249.00
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -241.80
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -262.07
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1020.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -2384.0
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -2086.9
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2453.9
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1932.5
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -2374.7
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2013.6
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2408.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1974.3
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -2215.3
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -2000.5
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1814.4
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1928.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
585        0        0   0.00000E+00   0.00000E+00   -1946.7
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2146.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1683.1
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1683.1
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -111.53
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1277.6
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2347.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2492.6
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2185.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -3020.2
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3565.4
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -3060.5
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2218.5
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2349.6
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2489.9
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2185.5
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2506.6
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2908.4
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22146.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -71792.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43287.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5743.5
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2185.5
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2509.3
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2330.3
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2918.1
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3538.7
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2923.1
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2484.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2185.5
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -2171.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1791.5
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -688.88
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -794.90
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2116.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -1864.3
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -2180.7
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -1716.9
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2307.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2302.2
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2732.3
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2213.9
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2568.2
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2230.3
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2069.8
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2297.4
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2492.6
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2738.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2173.9
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2183.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -659.07
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -469.92
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -534.00
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -341.76
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2052.8
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1923.8
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2331.7
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1921.7
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2609.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.8
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2656.1
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2055.7
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1926.1
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2329.4
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1921.7
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2064.2
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2650.7
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81675.
0.00000E+00   0.00000E+00   0.00000E+00
```

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667        0        0   0.00000E+00   0.00000E+00   -2243.3
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2352.1
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1921.7
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2066.5
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.0
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.3
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2477.0
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2324.8
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1921.7
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -685.48
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -9.8434
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -3.7850
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -4.3676
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -11.629
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -10.244
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -11.982
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -9.4336
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -733.72
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2163.2
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2278.5
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -1991.9
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2299.1
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1917.5
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1843.4
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2011.2
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2198.8
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2386.7
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1977.2
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2017.2
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2222.0
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1907.9
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2168.0
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1387.5
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -5206.6
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.10268E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.15826E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -497.95
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -3154.4
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4501.0
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -3854.1
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4538.8
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3749.9
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3595.1
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3923.4
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4326.0
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4645.2
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3889.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
759        0        0   0.00000E+00   0.00000E+00   -3934.9
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4379.7
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3749.9
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4259.6
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2730.4
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10479.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -89480.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00  -0.10505E+06
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -5164.0
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -9089.0
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -7694.0
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -9159.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7530.5
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7208.3
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -7868.0
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8715.0
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9304.2
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7834.3
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -7889.5
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8810.1
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7530.5
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8552.3
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5486.8
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4396.3
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3876.8
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3669.8
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3727.8
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -4621.9
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -75007.
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -89772.
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3429.7
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3417.3
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -3980.3
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -3566.3
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -4603.3
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -4576.4
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -184.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2277.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4009.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3393.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4040.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3321.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3179.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3470.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3844.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4103.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3455.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3479.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3885.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3321.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3772.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2420.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 336
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 594

CDM_TRsx - Fz (My) @ 46 (+X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -81.982 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -311.01 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -287.59 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -360.46 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.24 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -313.62 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
489        0        0   0.00000E+00   0.00000E+00   -270.67
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -300.60
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -298.00
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -270.67
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -376.08
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -439.84
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -5508.2
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -9294.1
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -2546.1
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -308.41
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -270.67
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -305.81
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -1076.6
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1585.3
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -1326.2
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1062.0
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1031.1
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1093.4
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1045.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -933.46
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1003.2
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1152.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1013.8
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -736.63
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -889.51
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -756.93
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -845.59
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -841.81
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1113.6
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -1170.4
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1026.2
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1199.7
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1025.1
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1221.6
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1021.6
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1066.9
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1097.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -891.75
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -955.03
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -500.86
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -333.71
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -264.79
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -68.917
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -518.80
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1968.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1819.9
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2281.1
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2256.4
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1984.6
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1902.3
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1885.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2379.9
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2783.4
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -20723.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -33939.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -9893.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1951.7
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1935.2
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2508.2
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3118.4
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2592.4
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2010.0
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2235.6
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1964.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -2099.1
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1618.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -307.10
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -352.79
0.00000E+00   0.00000E+00   0.00000E+00
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568        0        0   0.00000E+00   0.00000E+00   -310.35
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -225.50
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -272.30
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -231.71
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -258.85
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -504.40
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -2016.4
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2375.8
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1998.1
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -2319.4
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2051.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2388.7
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1981.8
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -2205.1
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -2018.0
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1802.0
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -2010.7
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -2017.3
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2111.8
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1675.6
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -436.13
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1025.3
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2190.4
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2547.0
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2297.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2928.7
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2915.5
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2495.8
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2190.9
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2480.3
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2363.7
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2224.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3038.4
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22163.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -64964.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43127.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -12647.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2429.8
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2225.3
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2479.0
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2915.0
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2912.8
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2346.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2495.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1885.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1876.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -1405.0
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -260.18
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -1767.1
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -2127.8
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -1775.9
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2058.8
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -1832.1
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2133.5
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2223.3
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2443.7
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2319.6
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2044.2
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2262.0
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2585.7
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2616.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2234.8
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -900.17
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -553.11
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -479.11
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -519.81
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -347.77
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
```

```
652        0        0   0.00000E+00   0.00000E+00   -2051.4
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1922.9
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2332.0
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2608.5
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2057.2
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1925.2
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2329.3
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1922.7
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2062.6
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2651.4
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81622.
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2242.4
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2405.4
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1923.1
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2064.9
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.8
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.3
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.9
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2324.0
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1923.4
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -683.91
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -10.308
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -7.7199
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -1.4296
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -9.7092
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -11.691
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -9.7580
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -11.312
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -10.067
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -47.018
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -1889.5
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1888.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2225.3
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1761.3
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1835.8
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2527.6
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2027.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -2254.9
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -1880.0
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2245.6
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1945.2
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2110.4
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1412.0
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       732        0        0   0.00000E+00   0.00000E+00   -4050.2
   0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -3773.1
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -600.15
   0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -24.375
   0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -1805.3
   0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -3687.4
   0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -4274.3
   0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -3500.0
   0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -3591.1
   0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -4943.7
   0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -3938.0
   0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -4456.8
   0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -3687.4
   0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -4389.4
   0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -3845.2
   0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -4141.2
   0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -2779.9
   0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -3796.4
   0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -8554.7
   0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -8216.8
   0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -7592.7
   0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -8892.6
   0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -7879.0
   0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -10141.
   0.00000E+00   0.00000E+00   0.00000E+00
       771        0        0   0.00000E+00   0.00000E+00   -12238.
   0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -9967.2
   0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -8789.3
   0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -7592.7
   0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -8320.1
   0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -8451.5
   0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -7592.7
   0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -31935.
   0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -40681.
   0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -7775.7
   0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -7747.6
   0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -9024.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -1574.2
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7401.8
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -8496.5
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7089.1
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -7214.2
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -9924.7
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -7881.4
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -8996.9
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -7401.8
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8788.4
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7745.9
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8308.8
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5587.9
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4396.3
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3876.8
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3669.8
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3727.8
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -23958.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11368E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -31765. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3429.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3417.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3980.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3566.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4603.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4576.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -184.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -694.34 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3264.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3747.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3126.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3182.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4377.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3476.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3968.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3264.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3876.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3416.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3664.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2464.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 326
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 595

CDM_TRsx - Fz (My) @ 52 - Positive - Frequent

| CONCENTRATED LOAD | | | | | |
|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
| FORCE MX | FORCE MY | FORCE MZ | | | |

```
481        0        0   0.00000E+00   0.00000E+00   -122.00
0.00000E+00   0.00000E+00   0.00000E+00
482        0        0   0.00000E+00   0.00000E+00   -293.77
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -304.83
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -270.67
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -373.80
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -437.24
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -383.24
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -273.60
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -283.36
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -315.24
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -270.67
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -298.98
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -366.32
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -437.24
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -5492.3
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -9296.4
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -2581.5
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -416.22
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -997.15
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1063.3
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -1335.6
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1584.6
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -1313.2
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1028.4
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1134.4
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -991.71
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1075.2
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -963.05
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -926.55
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1147.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -950.90
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -878.73
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -732.39
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -908.13
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -732.39
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -878.73
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -774.82
```

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0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -888.66
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -747.70
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -811.06
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -820.59
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -790.52
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -829.82
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -708.58
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -821.47
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -650.36
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -697.69
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -899.33
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -777.92
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -771.77
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -582.20
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -772.03
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1859.1
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1929.0
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2365.5
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2425.2
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1731.4
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1793.2
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1994.9
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1892.0
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2318.2
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.0
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -20623.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -33954.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -10117.
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1757.4
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -2043.0
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2192.6
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2534.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3118.2
0.00000E+00   0.00000E+00   0.00000E+00
```

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560        0        0   0.00000E+00   0.00000E+00   -2508.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2240.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2026.3
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1978.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -2258.9
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1190.1
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -283.64
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.23
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -291.09
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -269.00
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -224.20
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -278.00
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -224.20
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -269.00
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -237.19
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -272.04
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -228.89
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -248.28
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -251.20
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -242.00
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -254.03
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -216.91
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -251.47
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -199.09
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -213.58
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -275.31
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -238.14
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -236.26
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -178.22
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1279.4
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2337.1
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2507.7
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2190.1
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -3013.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -3084.9
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2241.7
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2271.5
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2573.3
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2190.1
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2404.5
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2976.4
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22146.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -64863.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43141.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -12873.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2190.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2339.0
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2505.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2859.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2828.1
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2601.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2241.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1932.7
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2035.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -944.25
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -7.9517
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -119.27
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650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2052.8
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1923.7
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2331.8
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2609.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2656.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2055.8
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1925.6
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2329.8
0.00000E+00   0.00000E+00   0.00000E+00
```

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662        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2063.6
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2651.1
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81621.
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2242.5
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2406.6
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2065.5
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.9
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2518.9
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.5
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2325.4
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1922.0
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -684.17
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -11.182
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5.1882
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -32.284
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -484.26
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
```

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      0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
      0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
      0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
      0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
      0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
      0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
      0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
      0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
      0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
      0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3773.1
      0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
      0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -434.48
      0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -1240.8
      0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3796.4
      0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
      0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
      0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
      0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
      0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
      0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
      0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12238.
      0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9967.2
      0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
      0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7592.7
      0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8320.1
      0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8451.5
      0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7592.7
      0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -31935.
      0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
      0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -40681.
      0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7775.7
      0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7747.6
      0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9024.0
      0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
      0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
      0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
      0.00000E+00   0.00000E+00   0.00000E+00
```

```
787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -1275.3
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -2805.6
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4396.3
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3876.8
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3669.8
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3727.8
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -23958.
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00  -0.11368E+06
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -31765.
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3429.7
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3417.3
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -3980.3
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -3566.3
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -4603.3
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -4576.4
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -184.21
0.00000E+00   0.00000E+00   0.00000E+00
876        0        0   0.00000E+00   0.00000E+00   -562.50
0.00000E+00   0.00000E+00   0.00000E+00
877        0        0   0.00000E+00   0.00000E+00   -1237.5
```

0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 256
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 596

CDM_TRsx - Fz (My) @ 58 (-X) - Positive - Frequent

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -247.90 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -282.06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.90 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.70 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -348.43 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.24 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -354.28 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -306.13 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -292.47 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.67 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -321.75 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -276.85 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -367.02 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1301.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8019.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10038. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1758.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1114.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -998.76 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1075.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1332.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1330.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -997.95 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1146.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1009.2 |

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0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1033.7
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -878.08
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -927.92
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1147.9
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -938.06
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -901.36
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -735.77
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -876.70
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -768.55
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -835.79
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -825.47
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -828.28
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -808.01
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -746.92
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -891.27
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -735.77
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -859.68
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -735.61
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -723.11
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -715.67
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -748.21
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -799.42
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -869.97
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -711.50
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -794.55
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -777.88
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -711.50
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -180.11
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1568.8
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1784.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1739.6
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -2048.5
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2204.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2242.0
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1937.3
0.00000E+00   0.00000E+00   0.00000E+00
```

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546        0        0   0.00000E+00   0.00000E+00   -1850.8
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2036.1
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1752.0
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2304.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3031.4
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -26409.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -34361.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4511.9
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2216.0
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -2035.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1959.4
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2721.5
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3122.5
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2666.2
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1935.5
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2163.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2101.6
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1946.5
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -682.18
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -284.06
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.40
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -287.16
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -275.93
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -225.24
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -268.38
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -235.27
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -255.86
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -252.70
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -253.56
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -247.35
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -228.65
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -272.84
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -225.24
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -263.17
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -225.19
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -221.36
```

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0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -219.08
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -229.04
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -244.72
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -266.32
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -217.81
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -243.23
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -238.13
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -217.81
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -55.135
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -2079.0
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -2262.7
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -2317.6
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -2526.9
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -2852.3
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00   -2901.1
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -2448.3
0.00000E+00   0.00000E+00   0.00000E+00
603       0       0   0.00000E+00   0.00000E+00   -2329.4
0.00000E+00   0.00000E+00   0.00000E+00
604       0       0   0.00000E+00   0.00000E+00   -2290.2
0.00000E+00   0.00000E+00   0.00000E+00
605       0       0   0.00000E+00   0.00000E+00   -2514.5
0.00000E+00   0.00000E+00   0.00000E+00
606       0       0   0.00000E+00   0.00000E+00   -2264.0
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607       0       0   0.00000E+00   0.00000E+00   -2961.9
0.00000E+00   0.00000E+00   0.00000E+00
608       0       0   0.00000E+00   0.00000E+00   -22146.
0.00000E+00   0.00000E+00   0.00000E+00
609       0       0   0.00000E+00   0.00000E+00   -71830.
0.00000E+00   0.00000E+00   0.00000E+00
610       0       0   0.00000E+00   0.00000E+00   -43331.
0.00000E+00   0.00000E+00   0.00000E+00
611       0       0   0.00000E+00   0.00000E+00   -5545.9
0.00000E+00   0.00000E+00   0.00000E+00
612       0       0   0.00000E+00   0.00000E+00   -2448.4
0.00000E+00   0.00000E+00   0.00000E+00
613       0       0   0.00000E+00   0.00000E+00   -2330.7
0.00000E+00   0.00000E+00   0.00000E+00
614       0       0   0.00000E+00   0.00000E+00   -2255.8
0.00000E+00   0.00000E+00   0.00000E+00
615       0       0   0.00000E+00   0.00000E+00   -3057.6
0.00000E+00   0.00000E+00   0.00000E+00
616       0       0   0.00000E+00   0.00000E+00   -3543.8
0.00000E+00   0.00000E+00   0.00000E+00
617       0       0   0.00000E+00   0.00000E+00   -2989.3
0.00000E+00   0.00000E+00   0.00000E+00
618       0       0   0.00000E+00   0.00000E+00   -2289.1
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -2382.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
620        0        0   0.00000E+00   0.00000E+00   -2056.7
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1719.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -435.97
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2057.2
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1923.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2330.7
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1923.6
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2608.1
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2057.0
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1926.0
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2328.3
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1923.5
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2062.8
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2651.0
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81675.
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2243.5
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2351.0
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1923.2
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2065.5
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2188.6
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2520.0
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2477.3
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2323.7
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1922.8
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -684.85
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -9.4455
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2.3954
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
```

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0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -41.221
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -618.32
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
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       774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -31935.
0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -40681.
0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -127.53
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -1912.9
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -4396.3
0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -3876.8
0.00000E+00   0.00000E+00   0.00000E+00
       831        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
       832        0        0   0.00000E+00   0.00000E+00   -3669.8
0.00000E+00   0.00000E+00   0.00000E+00
       833        0        0   0.00000E+00   0.00000E+00   -3727.8
0.00000E+00   0.00000E+00   0.00000E+00
       834        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
       835        0        0   0.00000E+00   0.00000E+00   -23958.
0.00000E+00   0.00000E+00   0.00000E+00
       836        0        0   0.00000E+00   0.00000E+00  -0.11368E+06
0.00000E+00   0.00000E+00   0.00000E+00
       837        0        0   0.00000E+00   0.00000E+00   -31765.
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3429.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3417.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3980.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3566.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4603.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4576.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -184.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56.250 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -843.75 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 258
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 597

CDM_TRsx - Fz (My) @ 58 (+X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
| FORCE MX | FORCE MY | FORCE MZ | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -166.95 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.38 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -287.59 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -373.85 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.35 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -371.39 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.38 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -311.16 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.24 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.38 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -322.94 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -350.28 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -437.35
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -5486.6
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -9313.3
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -2780.6
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -983.69
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1111.8
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1060.9
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -1300.2
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1585.4
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -1266.3
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1174.5
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -986.47
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1035.7
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1137.0
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -861.42
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -974.53
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1148.0
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1010.5
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -777.23
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -825.12
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -821.43
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -780.92
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -865.64
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -777.64
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -891.24
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -724.88
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -855.14
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -780.92
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -821.43
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -806.01
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -712.31
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -833.64
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -641.86
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -701.00
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -894.08
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -788.41
0.00000E+00   0.00000E+00   0.00000E+00
```

```
530        0        0   0.00000E+00   0.00000E+00   -747.53
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -825.81
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -712.31
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -778.84
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -579.24
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1056.5
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -2047.8
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1717.4
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1819.9
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2365.8
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.7
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2350.2
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1717.4
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1969.1
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1824.1
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1717.4
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -2043.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2216.6
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.7
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -20586.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -34061.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -10081.
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1935.4
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -2157.0
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2117.8
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2547.8
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3119.1
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2482.2
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2318.1
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1953.0
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2005.6
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -2269.2
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1161.7
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -298.33
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.44
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -309.34
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -237.93
```

```
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -252.59
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -251.46
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -239.06
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -264.99
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -238.05
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -272.83
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -221.90
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -261.78
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -239.06
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -251.46
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -246.74
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -218.05
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -255.19
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -196.49
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -214.59
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -273.70
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -241.35
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -228.84
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -252.80
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -218.05
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -238.42
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -177.32
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1564.9
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2526.5
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2295.3
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2297.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -3013.7
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.3
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -3009.7
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2227.6
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2448.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2401.8
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2194.6
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2556.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       607        0        0   0.00000E+00   0.00000E+00   -2874.5
   0.00000E+00   0.00000E+00   0.00000E+00
       608        0        0   0.00000E+00   0.00000E+00   -22147.
   0.00000E+00   0.00000E+00   0.00000E+00
       609        0        0   0.00000E+00   0.00000E+00   -64826.
   0.00000E+00   0.00000E+00   0.00000E+00
       610        0        0   0.00000E+00   0.00000E+00   -43249.
   0.00000E+00   0.00000E+00   0.00000E+00
       611        0        0   0.00000E+00   0.00000E+00   -12770.
   0.00000E+00   0.00000E+00   0.00000E+00
       612        0        0   0.00000E+00   0.00000E+00   -2194.6
   0.00000E+00   0.00000E+00   0.00000E+00
       613        0        0   0.00000E+00   0.00000E+00   -2422.2
   0.00000E+00   0.00000E+00   0.00000E+00
       614        0        0   0.00000E+00   0.00000E+00   -2427.7
   0.00000E+00   0.00000E+00   0.00000E+00
       615        0        0   0.00000E+00   0.00000E+00   -2884.7
   0.00000E+00   0.00000E+00   0.00000E+00
       616        0        0   0.00000E+00   0.00000E+00   -3540.3
   0.00000E+00   0.00000E+00   0.00000E+00
       617        0        0   0.00000E+00   0.00000E+00   -2816.0
   0.00000E+00   0.00000E+00   0.00000E+00
       618        0        0   0.00000E+00   0.00000E+00   -2635.6
   0.00000E+00   0.00000E+00   0.00000E+00
       619        0        0   0.00000E+00   0.00000E+00   -2212.3
   0.00000E+00   0.00000E+00   0.00000E+00
       620        0        0   0.00000E+00   0.00000E+00   -1946.9
   0.00000E+00   0.00000E+00   0.00000E+00
       621        0        0   0.00000E+00   0.00000E+00   -2026.1
   0.00000E+00   0.00000E+00   0.00000E+00
       622        0        0   0.00000E+00   0.00000E+00   -947.04
   0.00000E+00   0.00000E+00   0.00000E+00
       650        0        0   0.00000E+00   0.00000E+00   -956.16
   0.00000E+00   0.00000E+00   0.00000E+00
       651        0        0   0.00000E+00   0.00000E+00   -2186.0
   0.00000E+00   0.00000E+00   0.00000E+00
       652        0        0   0.00000E+00   0.00000E+00   -2054.4
   0.00000E+00   0.00000E+00   0.00000E+00
       653        0        0   0.00000E+00   0.00000E+00   -1924.8
   0.00000E+00   0.00000E+00   0.00000E+00
       654        0        0   0.00000E+00   0.00000E+00   -2330.6
   0.00000E+00   0.00000E+00   0.00000E+00
       655        0        0   0.00000E+00   0.00000E+00   -1922.4
   0.00000E+00   0.00000E+00   0.00000E+00
       656        0        0   0.00000E+00   0.00000E+00   -2609.0
   0.00000E+00   0.00000E+00   0.00000E+00
       657        0        0   0.00000E+00   0.00000E+00   -3111.6
   0.00000E+00   0.00000E+00   0.00000E+00
       658        0        0   0.00000E+00   0.00000E+00   -2655.9
   0.00000E+00   0.00000E+00   0.00000E+00
       659        0        0   0.00000E+00   0.00000E+00   -2055.8
   0.00000E+00   0.00000E+00   0.00000E+00
       660        0        0   0.00000E+00   0.00000E+00   -1926.6
   0.00000E+00   0.00000E+00   0.00000E+00
       661        0        0   0.00000E+00   0.00000E+00   -2328.9
   0.00000E+00   0.00000E+00   0.00000E+00
       662        0        0   0.00000E+00   0.00000E+00   -1921.8
   0.00000E+00   0.00000E+00   0.00000E+00
       663        0        0   0.00000E+00   0.00000E+00   -2064.4
   0.00000E+00   0.00000E+00   0.00000E+00
       664        0        0   0.00000E+00   0.00000E+00   -2650.5
   0.00000E+00   0.00000E+00   0.00000E+00
       665        0        0   0.00000E+00   0.00000E+00   -41070.
   0.00000E+00   0.00000E+00   0.00000E+00
       666        0        0   0.00000E+00   0.00000E+00   -81621.
   0.00000E+00   0.00000E+00   0.00000E+00
       667        0        0   0.00000E+00   0.00000E+00   -2243.0
   0.00000E+00   0.00000E+00   0.00000E+00
       668        0        0   0.00000E+00   0.00000E+00   -2406.1
   0.00000E+00   0.00000E+00   0.00000E+00
       669        0        0   0.00000E+00   0.00000E+00   -1921.8
   0.00000E+00   0.00000E+00   0.00000E+00
       670        0        0   0.00000E+00   0.00000E+00   -2066.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -2189.5
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -2519.1
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -2476.4
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -2325.6
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -1921.9
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -684.25
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -11.132
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -5.2035
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711       0       0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717       0       0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718       0       0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719       0       0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720       0       0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721       0       0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722       0       0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723       0       0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724       0       0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725       0       0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726       0       0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727       0       0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728       0       0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729       0       0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730       0       0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731       0       0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732       0       0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       734        0        0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
       771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -31935.
0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -40681.
0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -5398.1
```

0.00000E+00 0.00000E+00 0.00000E+00
829 0 0 0.00000E+00 0.00000E+00 -4396.3
0.00000E+00 0.00000E+00 0.00000E+00
830 0 0 0.00000E+00 0.00000E+00 -3876.8
0.00000E+00 0.00000E+00 0.00000E+00
831 0 0 0.00000E+00 0.00000E+00 -3349.0
0.00000E+00 0.00000E+00 0.00000E+00
832 0 0 0.00000E+00 0.00000E+00 -3669.8
0.00000E+00 0.00000E+00 0.00000E+00
833 0 0 0.00000E+00 0.00000E+00 -3727.8
0.00000E+00 0.00000E+00 0.00000E+00
834 0 0 0.00000E+00 0.00000E+00 -3349.0
0.00000E+00 0.00000E+00 0.00000E+00
835 0 0 0.00000E+00 0.00000E+00 -23958.
0.00000E+00 0.00000E+00 0.00000E+00
836 0 0 0.00000E+00 0.00000E+00 -0.11368E+06
0.00000E+00 0.00000E+00 0.00000E+00
837 0 0 0.00000E+00 0.00000E+00 -31765.
0.00000E+00 0.00000E+00 0.00000E+00
838 0 0 0.00000E+00 0.00000E+00 -3429.7
0.00000E+00 0.00000E+00 0.00000E+00
839 0 0 0.00000E+00 0.00000E+00 -3417.3
0.00000E+00 0.00000E+00 0.00000E+00
840 0 0 0.00000E+00 0.00000E+00 -3980.3
0.00000E+00 0.00000E+00 0.00000E+00
841 0 0 0.00000E+00 0.00000E+00 -3349.0
0.00000E+00 0.00000E+00 0.00000E+00
842 0 0 0.00000E+00 0.00000E+00 -3566.3
0.00000E+00 0.00000E+00 0.00000E+00
843 0 0 0.00000E+00 0.00000E+00 -4603.3
0.00000E+00 0.00000E+00 0.00000E+00
844 0 0 0.00000E+00 0.00000E+00 -5398.1
0.00000E+00 0.00000E+00 0.00000E+00
845 0 0 0.00000E+00 0.00000E+00 -4576.4
0.00000E+00 0.00000E+00 0.00000E+00
846 0 0 0.00000E+00 0.00000E+00 -3349.0
0.00000E+00 0.00000E+00 0.00000E+00
847 0 0 0.00000E+00 0.00000E+00 -3349.0
0.00000E+00 0.00000E+00 0.00000E+00
848 0 0 0.00000E+00 0.00000E+00 -184.21
0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 252
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 598

CDM_TRsx - Fz (My) @ 60.5 - Positive - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -247.90 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -282.06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.90 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.70 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -348.43 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.24 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
487       0       0   0.00000E+00   0.00000E+00   -354.28
0.00000E+00   0.00000E+00   0.00000E+00
488       0       0   0.00000E+00   0.00000E+00   -306.13
0.00000E+00   0.00000E+00   0.00000E+00
489       0       0   0.00000E+00   0.00000E+00   -292.47
0.00000E+00   0.00000E+00   0.00000E+00
490       0       0   0.00000E+00   0.00000E+00   -270.67
0.00000E+00   0.00000E+00   0.00000E+00
491       0       0   0.00000E+00   0.00000E+00   -321.75
0.00000E+00   0.00000E+00   0.00000E+00
492       0       0   0.00000E+00   0.00000E+00   -715.60
0.00000E+00   0.00000E+00   0.00000E+00
493       0       0   0.00000E+00   0.00000E+00   -1365.8
0.00000E+00   0.00000E+00   0.00000E+00
494       0       0   0.00000E+00   0.00000E+00   -1585.2
0.00000E+00   0.00000E+00   0.00000E+00
495       0       0   0.00000E+00   0.00000E+00   -8012.6
0.00000E+00   0.00000E+00   0.00000E+00
496       0       0   0.00000E+00   0.00000E+00   -10038.
0.00000E+00   0.00000E+00   0.00000E+00
497       0       0   0.00000E+00   0.00000E+00   -1778.8
0.00000E+00   0.00000E+00   0.00000E+00
498       0       0   0.00000E+00   0.00000E+00   -1094.0
0.00000E+00   0.00000E+00   0.00000E+00
499       0       0   0.00000E+00   0.00000E+00   -999.27
0.00000E+00   0.00000E+00   0.00000E+00
500       0       0   0.00000E+00   0.00000E+00   -1094.0
0.00000E+00   0.00000E+00   0.00000E+00
501       0       0   0.00000E+00   0.00000E+00   -1320.0
0.00000E+00   0.00000E+00   0.00000E+00
502       0       0   0.00000E+00   0.00000E+00   -1585.9
0.00000E+00   0.00000E+00   0.00000E+00
503       0       0   0.00000E+00   0.00000E+00   -1326.0
0.00000E+00   0.00000E+00   0.00000E+00
504       0       0   0.00000E+00   0.00000E+00   -1011.0
0.00000E+00   0.00000E+00   0.00000E+00
505       0       0   0.00000E+00   0.00000E+00   -1133.6
0.00000E+00   0.00000E+00   0.00000E+00
506       0       0   0.00000E+00   0.00000E+00   -1009.7
0.00000E+00   0.00000E+00   0.00000E+00
507       0       0   0.00000E+00   0.00000E+00   -1044.0
0.00000E+00   0.00000E+00   0.00000E+00
508       0       0   0.00000E+00   0.00000E+00   -868.34
0.00000E+00   0.00000E+00   0.00000E+00
509       0       0   0.00000E+00   0.00000E+00   -931.10
0.00000E+00   0.00000E+00   0.00000E+00
510       0       0   0.00000E+00   0.00000E+00   -1148.0
0.00000E+00   0.00000E+00   0.00000E+00
511       0       0   0.00000E+00   0.00000E+00   -940.62
0.00000E+00   0.00000E+00   0.00000E+00
512       0       0   0.00000E+00   0.00000E+00   -897.03
0.00000E+00   0.00000E+00   0.00000E+00
513       0       0   0.00000E+00   0.00000E+00   -736.35
0.00000E+00   0.00000E+00   0.00000E+00
514       0       0   0.00000E+00   0.00000E+00   -879.43
0.00000E+00   0.00000E+00   0.00000E+00
515       0       0   0.00000E+00   0.00000E+00   -766.63
0.00000E+00   0.00000E+00   0.00000E+00
516       0       0   0.00000E+00   0.00000E+00   -836.48
0.00000E+00   0.00000E+00   0.00000E+00
517       0       0   0.00000E+00   0.00000E+00   -825.66
0.00000E+00   0.00000E+00   0.00000E+00
518       0       0   0.00000E+00   0.00000E+00   -826.84
0.00000E+00   0.00000E+00   0.00000E+00
519       0       0   0.00000E+00   0.00000E+00   -810.12
0.00000E+00   0.00000E+00   0.00000E+00
520       0       0   0.00000E+00   0.00000E+00   -743.60
0.00000E+00   0.00000E+00   0.00000E+00
521       0       0   0.00000E+00   0.00000E+00   -895.48
0.00000E+00   0.00000E+00   0.00000E+00
522       0       0   0.00000E+00   0.00000E+00   -736.35
0.00000E+00   0.00000E+00   0.00000E+00
```

```
523        0        0   0.00000E+00   0.00000E+00   -853.04
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -742.52
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -714.48
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -721.35
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -753.24
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -789.52
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -879.42
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -712.00
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -780.45
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -792.55
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -712.00
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -813.44
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -509.12
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1568.8
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1784.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1739.6
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -2048.5
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2204.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2242.0
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1937.3
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1850.8
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2036.1
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1886.3
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2610.4
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3118.4
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -26407.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -34361.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4518.3
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2209.8
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -2035.8
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1964.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2717.8
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3122.5
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2664.8
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1939.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2159.2
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2101.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1949.6
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -679.20
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -285.03
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.43
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -287.95
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -274.60
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -225.41
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -269.21
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -234.68
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -256.07
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -252.75
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -253.12
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -248.00
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -227.63
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -274.13
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -225.41
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -261.14
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -227.30
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -218.72
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -220.82
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -230.58
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -241.69
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -269.21
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -217.96
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -238.91
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -242.62
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -217.96
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -249.01
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -155.85
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2079.0
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2262.7
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2317.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
598        0        0   0.00000E+00   0.00000E+00   -2526.9
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2852.3
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2901.1
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2448.3
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2329.4
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2290.2
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2514.5
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2264.0
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2961.9
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22146.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -71830.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43331.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5545.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2448.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2330.7
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2255.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3057.6
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3543.8
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2989.3
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2289.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2382.3
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -2056.7
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1719.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -435.97
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2057.2
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1923.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2330.7
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1923.6
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2608.1
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2057.0
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1926.0
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2328.3
```

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0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -1923.5
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -2062.8
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -2651.0
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -81675.
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -2243.5
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -2351.0
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -1923.2
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -2065.5
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -2188.6
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -2520.0
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -2477.3
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -2323.7
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -1922.8
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677       0       0   0.00000E+00   0.00000E+00   -684.85
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678       0       0   0.00000E+00   0.00000E+00   -9.4455
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -2.3954
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711       0       0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717       0       0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718       0       0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719       0       0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720       0       0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721       0       0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722       0       0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723       0       0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724       0       0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
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       725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
       726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
       728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
       729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
       730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
       771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -31935.
0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -40681.
0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -7592.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -4396.3
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -3876.8
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -3669.8
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -3727.8
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -23958.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00  -0.11368E+06
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -31765.
0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -3429.7
0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -3417.3
0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00   -3980.3
0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -3566.3
0.00000E+00   0.00000E+00   0.00000E+00
843       0       0   0.00000E+00   0.00000E+00   -4603.3
0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -4576.4
0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -184.21
0.00000E+00   0.00000E+00   0.00000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =          254
    LARGEST NODE OR ELEMENT NUMBER              =          848

    L O A D   C A S E      599
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CDM_TRsx - Fz (My) @ 64 - Positive - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -248.29 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -280.78 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -278.52 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -319.25 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -349.97 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.09 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -350.61 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -317.31 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -284.40 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -991.11 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1031.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1017.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1355.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8020.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10016. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1807.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1081.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.22 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1140.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1289.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1308.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1036.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1134.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.22 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1058.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -814.01 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -935.93 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -947.17 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -885.83 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -736.66 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

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514        0        0   0.00000E+00   0.00000E+00   -889.78
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -756.70
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -845.75
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -816.36
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -836.02
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -802.06
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -750.47
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -888.80
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -736.66
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -859.54
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -736.71
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -719.36
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -718.05
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -751.69
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -792.69
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -877.06
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -712.27
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -782.44
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -790.85
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -712.27
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -813.98
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -508.84
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1571.2
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1776.8
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1762.5
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -2020.3
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2214.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2766.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2218.8
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2008.0
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1776.0
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1982.6
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2236.3
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1937.2
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2639.3
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3117.5
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -26501.
```

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0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -34217.
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -4578.3
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -2249.6
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -1926.4
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -2147.2
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -2602.6
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -3117.5
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -2588.0
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -2000.3
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -2264.2
0.00000E+00   0.00000E+00   0.00000E+00
563       0       0   0.00000E+00   0.00000E+00   -1926.4
0.00000E+00   0.00000E+00   0.00000E+00
564       0       0   0.00000E+00   0.00000E+00   -1949.6
0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -423.43
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -286.51
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -351.44
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -289.95
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -271.17
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -225.51
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -272.38
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -231.64
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -258.90
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -249.91
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -255.92
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -245.53
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -229.74
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -272.08
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -225.51
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -263.13
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -225.52
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -220.21
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -219.81
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -230.11
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -242.66
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -268.49
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -218.04
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -239.52
0.00000E+00   0.00000E+00   0.00000E+00
```

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589        0        0   0.00000E+00   0.00000E+00   -242.10
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -218.04
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -249.18
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -155.77
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2081.5
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2254.6
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2340.6
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2498.6
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2862.1
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3538.7
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2877.7
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2519.3
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2253.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2342.1
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2496.6
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2220.2
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2995.7
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22146.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -71926.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43187.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5599.8
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2494.5
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2220.8
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2432.9
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2945.8
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3538.7
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2913.8
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2345.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2492.5
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1880.6
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1714.5
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -183.77
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2057.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1923.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2330.8
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1923.5
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2608.2
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.1
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2057.4
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1925.5
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2328.6
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1923.4
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2062.6
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2651.2
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81675.
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2242.7
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2351.3
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1923.4
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2064.9
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.5
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.4
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.9
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675        0        0   0.00000E+00   0.00000E+00   -2324.0
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1923.4
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -683.89
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -9.4203
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1.0097
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -31935.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -40681.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7775.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4396.3
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3876.8
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3669.8
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3727.8
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -23958.
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00  -0.11368E+06
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -31765.
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3429.7
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3417.3
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -3980.3
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -3566.3
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -4603.3
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -4576.4
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -184.21 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 254
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 600

CDM_TRsx - Fz (My) @ 70 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | | |
| FORCE | FORCE | FORCE | | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | | |
| MX | MY | MZ | | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.629 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 481 | 482 | 1 | 0.00000E+00 | 0.00000E+00 | -270.67 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -314.92 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -283.69 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -361.76 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.24 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -398.80 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1021.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.10 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1091.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1079.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.10 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1363.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1590.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8051.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10007. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1757.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1130.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.10 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1091.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1322.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1324.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -995.11 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

```
505        0        0   0.00000E+00   0.00000E+00   -1169.3
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -988.62
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1011.7
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -859.96
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -920.64
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1147.9
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -938.25
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -897.65
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -747.49
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -857.04
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -788.10
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -816.43
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -845.78
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -806.99
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -827.55
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -729.20
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -908.98
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -736.15
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -838.98
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -755.07
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -711.42
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -710.92
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -766.61
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -782.67
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -884.51
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -711.42
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -776.14
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -796.21
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -711.42
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -812.27
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -509.74
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -181.17
0.00000E+00   0.00000E+00   0.00000E+00
538      539        1   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1992.9
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1795.2
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2289.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2285.0
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2177.7
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1930.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -2168.0
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2101.5
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1930.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2689.9
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3151.3
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -26501.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -34158.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4653.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2179.9
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1930.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2199.4
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2567.7
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3118.4
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2584.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2013.0
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2254.4
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1932.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1939.7
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -435.66
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -281.83
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.40
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -287.22
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -274.79
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -228.82
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -262.36
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -241.25
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -249.93
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -258.91
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -247.04
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -253.33
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -223.22
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -278.26
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -225.35
0.00000E+00   0.00000E+00   0.00000E+00
```

```
580        0        0   0.00000E+00   0.00000E+00   -256.83
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -231.14
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -217.78
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -217.63
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -234.68
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -239.59
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -270.77
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -217.78
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -237.60
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -243.74
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -217.78
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -248.65
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -156.04
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -720.25
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2223.7
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2190.4
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2571.8
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2272.7
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2937.0
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2932.0
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2471.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2190.9
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2505.1
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2338.9
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2224.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3046.6
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22180.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -71917.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43127.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5694.6
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2405.0
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2225.3
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2503.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2898.5
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2904.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2371.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2471.1
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1885.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1719.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -181.83
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2187.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2058.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1922.9
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2332.1
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1922.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2608.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.4
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2057.1
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1925.2
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2329.5
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1922.6
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2062.6
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2651.5
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81675.
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2242.4
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2351.9
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1922.9
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2064.9
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.9
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.2
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.9
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2324.2
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1923.3
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -683.91
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -9.4455
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00  -0.99904
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       707        0        0   0.00000E+00   0.00000E+00   -1886.5
   0.00000E+00   0.00000E+00   0.00000E+00
       708        0        0   0.00000E+00   0.00000E+00   -4272.7
   0.00000E+00   0.00000E+00   0.00000E+00
       709        0        0   0.00000E+00   0.00000E+00   -4068.8
   0.00000E+00   0.00000E+00   0.00000E+00
       710        0        0   0.00000E+00   0.00000E+00   -3773.8
   0.00000E+00   0.00000E+00   0.00000E+00
       711        0        0   0.00000E+00   0.00000E+00   -4475.1
   0.00000E+00   0.00000E+00   0.00000E+00
       712        0        0   0.00000E+00   0.00000E+00   -3865.6
   0.00000E+00   0.00000E+00   0.00000E+00
       713        0        0   0.00000E+00   0.00000E+00   -5068.2
   0.00000E+00   0.00000E+00   0.00000E+00
       714        0        0   0.00000E+00   0.00000E+00   -6091.3
   0.00000E+00   0.00000E+00   0.00000E+00
       715        0        0   0.00000E+00   0.00000E+00   -5044.4
   0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -4252.2
   0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -3775.4
   0.00000E+00   0.00000E+00   0.00000E+00
       718        0        0   0.00000E+00   0.00000E+00   -4288.5
   0.00000E+00   0.00000E+00   0.00000E+00
       719        0        0   0.00000E+00   0.00000E+00   -4050.6
   0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -3870.2
   0.00000E+00   0.00000E+00   0.00000E+00
       721        0        0   0.00000E+00   0.00000E+00   -20665.
   0.00000E+00   0.00000E+00   0.00000E+00
       722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       724        0        0   0.00000E+00   0.00000E+00   -3836.2
   0.00000E+00   0.00000E+00   0.00000E+00
       725        0        0   0.00000E+00   0.00000E+00   -4101.9
   0.00000E+00   0.00000E+00   0.00000E+00
       726        0        0   0.00000E+00   0.00000E+00   -4235.7
   0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -3871.8
   0.00000E+00   0.00000E+00   0.00000E+00
       728        0        0   0.00000E+00   0.00000E+00   -4116.3
   0.00000E+00   0.00000E+00   0.00000E+00
       729        0        0   0.00000E+00   0.00000E+00   -5102.1
   0.00000E+00   0.00000E+00   0.00000E+00
       730        0        0   0.00000E+00   0.00000E+00   -6091.3
   0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -5053.2
   0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -4050.2
   0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -3773.1
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -600.15
   0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -3796.4
   0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -8554.7
   0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -8216.8
   0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -7592.7
   0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -8892.6
   0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -7879.0
   0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -10141.
   0.00000E+00   0.00000E+00   0.00000E+00
       771        0        0   0.00000E+00   0.00000E+00   -12238.
   0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -9967.2
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
 0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7592.7
 0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8320.1
 0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8451.5
 0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7592.7
 0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -31935.
 0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
 0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -40681.
 0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7775.7
 0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7747.6
 0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9024.0
 0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
 0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
 0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
 0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12238.
 0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
 0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
 0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7592.7
 0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -417.65
 0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1674.5
 0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3773.3
 0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3624.3
 0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3349.0
 0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3922.3
 0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3475.2
 0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4472.9
 0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5398.1
 0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4396.3
 0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3876.8
 0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3349.0
 0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3669.8
 0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3727.8
 0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3349.0
 0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -23958.
 0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00  -0.11368E+06
 0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -31765.
 0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3429.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3417.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3980.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3566.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4603.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4576.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -184.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 256
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 601

CDM_TRsx - Fz (My) @ 70 (+X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.629 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 482 | 1 | 0.00000E+00 | 0.00000E+00 | -270.67 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -314.92 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -283.69 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -361.76 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.24 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -398.80 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1021.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.10 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1091.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1079.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.10 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1363.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1590.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8051.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
496        0        0   0.00000E+00   0.00000E+00   -10007.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1757.9
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1130.8
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -982.10
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1091.9
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -1322.4
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1585.1
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -1324.5
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -995.11
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1169.3
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -988.62
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1011.7
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -859.96
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -920.64
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1147.9
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -938.25
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -897.65
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -747.49
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -857.04
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -788.10
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -816.43
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -845.78
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -806.99
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -827.55
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -729.20
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -908.98
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -736.15
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -838.98
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -755.07
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -711.42
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -710.92
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -766.61
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -782.67
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -884.51
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -711.42
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -776.14
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -796.21
```

```
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -711.42
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -812.27
0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -509.74
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -181.17
0.00000E+00   0.00000E+00   0.00000E+00
538     539       1   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -1992.9
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -1795.2
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -2289.3
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -2767.0
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -2285.0
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -2177.7
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -1930.7
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -2168.0
0.00000E+00   0.00000E+00   0.00000E+00
548       0       0   0.00000E+00   0.00000E+00   -2101.5
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -1930.7
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -2689.9
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -3151.3
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -26501.
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -34158.
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -4653.0
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -2179.9
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -1930.7
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -2199.4
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -2567.7
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -3118.4
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -2584.1
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -2013.0
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -2254.4
0.00000E+00   0.00000E+00   0.00000E+00
563       0       0   0.00000E+00   0.00000E+00   -1932.7
0.00000E+00   0.00000E+00   0.00000E+00
564       0       0   0.00000E+00   0.00000E+00   -1939.7
0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -435.66
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -281.83
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -351.40
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -287.22
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -274.79
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -228.82
0.00000E+00   0.00000E+00   0.00000E+00
```

```
571        0        0   0.00000E+00   0.00000E+00   -262.36
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -241.25
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -249.93
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -258.91
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -247.04
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -253.33
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -223.22
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -278.26
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -225.35
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -256.83
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -231.14
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -217.78
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -217.63
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -234.68
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -239.59
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -270.77
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -217.78
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -237.60
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -243.74
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -217.78
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -248.65
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -156.04
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -720.25
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2223.7
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2190.4
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2571.8
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2272.7
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2937.0
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2932.0
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2471.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2190.9
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2505.1
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2338.9
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2224.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3046.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22180.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -71917.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43127.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5694.6
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2405.0
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2225.3
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2503.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2898.5
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2904.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2371.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2471.1
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1885.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1719.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -181.83
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2187.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2058.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1922.9
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2332.1
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1922.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2608.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.4
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2057.1
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1925.2
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2329.5
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1922.6
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2062.6
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2651.5
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81675.
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2242.4
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2351.9
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1922.9
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2064.9
0.00000E+00   0.00000E+00   0.00000E+00
```

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671        0        0   0.00000E+00   0.00000E+00   -2189.9
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.2
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.9
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2324.2
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1923.3
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -683.91
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -9.4455
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00  -0.99904
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
```

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0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -31935.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -40681.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4396.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3876.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3669.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3727.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23958. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11368E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -31765. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3429.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3417.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3980.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3566.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4603.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4576.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -184.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 256
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 602

CDM_TRsx - Fz (My) @ 75.5 - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFFRNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.629 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 482 | 1 | 0.00000E+00 | 0.00000E+00 | -270.67 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -314.92 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -283.69 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -361.76 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.24 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
487        0        0   0.00000E+00   0.00000E+00   -716.49
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -1106.8
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -1049.5
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -1019.2
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -1109.4
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -1031.2
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -1321.0
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1590.8
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -7955.6
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -10146.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1735.9
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1028.0
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1123.0
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1024.4
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -1321.1
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1585.5
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -1302.1
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1099.5
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1029.6
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1049.0
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1068.2
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -743.28
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -980.17
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1148.3
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1007.1
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -783.12
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -813.19
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -837.06
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -759.25
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -891.00
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -750.86
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -920.03
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -728.16
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -813.39
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -827.52
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -768.80
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -858.50
```

```
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -714.65
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -764.10
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -687.77
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -737.47
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -821.67
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -855.40
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -714.65
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -800.62
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -775.26
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -714.65
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -818.88
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -506.19
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -181.17
0.00000E+00   0.00000E+00   0.00000E+00
538      539        1   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1992.9
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1795.2
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2289.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2382.2
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2203.9
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1951.3
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -2145.8
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2110.7
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1945.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2677.0
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3151.4
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -26471.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -34200.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4646.2
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2148.5
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1973.8
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2178.7
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2567.3
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3118.5
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2577.2
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2045.0
0.00000E+00   0.00000E+00   0.00000E+00
```

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562        0        0   0.00000E+00   0.00000E+00   -2211.6
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1951.1
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1957.0
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -399.94
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -300.05
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -308.30
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -239.73
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -248.94
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -256.24
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -232.42
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -272.76
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -229.85
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -281.64
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -222.91
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -249.00
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -253.32
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -235.35
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -262.81
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -218.77
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -233.91
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -210.54
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -225.76
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -251.53
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -261.86
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -218.77
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -245.09
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -237.32
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -218.77
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -250.68
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -154.96
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -720.25
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2223.7
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2190.4
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2571.8
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2272.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2937.0
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2932.0
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2471.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2190.9
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2505.1
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2338.9
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2224.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3046.6
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22180.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -71917.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43127.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5694.6
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2405.0
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2225.3
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2503.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2898.5
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2904.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2371.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2471.1
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1885.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1719.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -181.83
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2187.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2058.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1922.9
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2332.1
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1922.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2608.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.4
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2057.1
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1925.2
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2329.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
662        0        0   0.00000E+00   0.00000E+00   -1922.6
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2062.6
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2651.5
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81675.
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2242.4
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2351.9
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1922.9
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2064.9
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.9
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.2
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.9
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2324.2
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1923.3
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -683.91
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -9.4455
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00  -0.99904
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
726       0       0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727       0       0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728       0       0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729       0       0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730       0       0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731       0       0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732       0       0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
764       0       0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766       0       0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -31935.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -40681.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -417.65 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 821 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1674.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 822 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3773.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 823 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3624.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 824 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 825 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3922.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3475.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4472.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4396.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3876.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3669.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3727.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23958. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11368E+06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -31765. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3429.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3417.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3980.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3566.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4603.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4576.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -184.21 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 256
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 603

CDM_TRsx - Fz (My) @ 81 - Positive - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -167.10 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.36 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.29 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -805.89 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1329.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -987.00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1172.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1000.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1010.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1161.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1267.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1294.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1078.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1096.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -985.09 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1113.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1060.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1300.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1261.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1178.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -992.74 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1000.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -887.64 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.81 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -964.51 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -985.90 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -819.52 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -778.99 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -869.95 | | | |

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0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -738.47
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -900.57
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -761.28
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -890.28
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -754.35
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -791.11
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -849.24
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -749.27
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -875.69
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -713.81
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -748.26
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -698.51
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -742.52
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -811.41
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -863.08
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -713.81
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -794.19
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -780.79
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -713.81
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -837.66
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -8799.1
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1057.4
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -2046.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1824.4
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2495.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -3119.1
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2640.1
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1935.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -2244.1
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -2029.8
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1942.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -2315.4
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2487.4
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3119.1
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2554.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
553        0        0   0.00000E+00   0.00000E+00   -2097.2
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -2177.3
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1935.2
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -2182.6
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2091.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2556.5
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3119.1
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2485.7
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2320.6
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1937.5
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1939.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -523.29
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -218.51
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -295.26
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.50
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -301.81
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -250.87
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -238.47
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -266.31
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -226.06
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -275.68
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -233.05
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -272.54
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -230.92
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -242.18
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -259.97
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -229.37
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -268.07
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -218.51
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -229.06
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -213.83
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -227.30
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -248.39
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -264.21
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -218.51
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -243.12
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -239.02
```

```
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -218.51
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -379.93
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -30014.
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1565.8
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2525.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2294.6
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2302.0
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -3010.8
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.2
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -3006.0
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2226.9
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2460.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2389.0
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2193.9
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2572.5
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2864.0
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.2
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -2915.3
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2336.2
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2512.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2193.9
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2448.6
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2400.5
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2893.8
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.2
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2821.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2636.8
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2193.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1889.0
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -265.31
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -138.20
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -66523.
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
```

```
652        0        0   0.00000E+00   0.00000E+00   -2054.4
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1924.7
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2330.6
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2609.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.8
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2055.8
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1926.7
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2328.8
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2064.5
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2650.5
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2606.2
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -1928.3
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2327.2
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2066.1
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.4
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.4
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2325.6
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -683.93
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1.4578
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -32.999
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -59171.
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1880.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4298.8
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4028.6
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3762.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4564.5
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3760.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5104.9
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6089.0
```

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0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5197.3
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4024.0
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3767.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4560.0
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -3760.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -4037.6
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -28375.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -92654.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -19013.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3771.8
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4555.5
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -3760.6
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -4042.1
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4285.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -4929.3
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6089.0
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -4846.0
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4551.0
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3760.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1326.3
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -22.265
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -63311.
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3777.1
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8635.2
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8092.4
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7558.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -9169.0
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12231.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -10440.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8083.4
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7567.7
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -9160.0
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -8110.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       778        0        0   0.00000E+00   0.00000E+00   -42606.
0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -29556.
0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -7576.8
0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -9150.9
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -8119.6
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -8608.1
0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -9901.8
0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -12231.
0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -9734.4
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -9141.9
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -2664.3
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -1666.0
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -3808.8
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -3569.4
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -3334.0
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -4044.2
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -4523.1
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -5395.0
0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -4604.9
0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -3565.4
0.00000E+00   0.00000E+00   0.00000E+00
       831        0        0   0.00000E+00   0.00000E+00   -3337.9
0.00000E+00   0.00000E+00   0.00000E+00
       832        0        0   0.00000E+00   0.00000E+00   -4040.2
0.00000E+00   0.00000E+00   0.00000E+00
       833        0        0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
       834        0        0   0.00000E+00   0.00000E+00   -3577.4
0.00000E+00   0.00000E+00   0.00000E+00
       835        0        0   0.00000E+00   0.00000E+00   -33601.
0.00000E+00   0.00000E+00   0.00000E+00
       836        0        0   0.00000E+00   0.00000E+00  -0.11368E+06
0.00000E+00   0.00000E+00   0.00000E+00
       837        0        0   0.00000E+00   0.00000E+00   -21921.
0.00000E+00   0.00000E+00   0.00000E+00
       838        0        0   0.00000E+00   0.00000E+00   -3341.9
0.00000E+00   0.00000E+00   0.00000E+00
       839        0        0   0.00000E+00   0.00000E+00   -4036.3
0.00000E+00   0.00000E+00   0.00000E+00
       840        0        0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
       841        0        0   0.00000E+00   0.00000E+00   -3581.4
0.00000E+00   0.00000E+00   0.00000E+00
       842        0        0   0.00000E+00   0.00000E+00   -3796.8
0.00000E+00   0.00000E+00   0.00000E+00
       843        0        0   0.00000E+00   0.00000E+00   -4367.5
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5395.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4293.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4032.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3332.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1175.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 258
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 604

CDM_TRsx - My (My) @ 0 - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFFRNCE | FORCE FX | FORCE FY | FORCE FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -137.90 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8198.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12735. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3118.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.45 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -733.70 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -924.79 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -923.57 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.45 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -792.62 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -705.87 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -680.50 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -817.99 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -867.91 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -894.10 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -936.78 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2511.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2454.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2891.9 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2481.8
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -3315.5
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -4004.0
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3342.2
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2564.5
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2724.0
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2532.1
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1976.5
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2027.1
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2318.5
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2862.6
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1091.9
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1020.6
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -2021.5
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1825.3
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -2072.0
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2492.6
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1847.3
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -872.67
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -31149.
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -47425.
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -13327.
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4293.4
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4643.0
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5852.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6919.2
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5844.5
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4293.4
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -5015.9
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4466.9
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4306.4
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -5176.5
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5492.4
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6919.2
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -5658.1
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4739.7
0.00000E+00   0.00000E+00   0.00000E+00
```

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554        0        0   0.00000E+00   0.00000E+00   -5340.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4837.2
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -5515.6
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5153.5
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6419.1
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7810.2
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6276.9
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5676.6
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4919.6
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4860.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1233.4
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -620.53
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -709.74
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -876.31
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -334.26
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -312.42
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -618.84
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -558.76
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1174.6
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4545.2
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3653.0
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -1467.7
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -65995.
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00  -0.10232E+06
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -24883.
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -5693.4
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5890.0
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7453.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8852.0
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7416.5
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -5683.4
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -6217.8
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5774.7
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5645.0
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -6379.0
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7143.7
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8852.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7332.2
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5916.4
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -6019.7
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5724.8
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -6067.1
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5884.0
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7333.0
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8852.0
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7162.3
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -6342.6
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5662.0
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -5154.3
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -662.72
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -569.84
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -3988.8
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3256.2
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2407.9
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -59229.
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -91297.
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -21461.
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5644.4
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5020.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6447.2
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6328.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5603.8
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4833.8
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5268.5
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5395.2
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -4834.7
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6654.0
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6744.7
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -4979.8
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4893.5
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5771.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
670        0        0   0.00000E+00   0.00000E+00   -4833.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5101.2
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6663.7
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6613.5
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -4834.5
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -5516.8
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3455.8
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -3.6413
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -3.1310
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -21.917
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.891
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -3812.8
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00  -0.12426E+06
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00  -0.19398E+06
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -44879.
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -10269.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -10588.
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12362.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12295.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10947.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9751.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -9773.9
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -11083.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9435.3
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -12859.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12972.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10089.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -9477.2
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -11181.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9633.9
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -9775.7
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -13181.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12963.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
732       0       0   0.00000E+00   0.00000E+00   -9435.3
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -10770.
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
764       0       0   0.00000E+00   0.00000E+00   -6668.5
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -97608.
0.00000E+00   0.00000E+00   0.00000E+00
766       0       0   0.00000E+00   0.00000E+00  -0.14857E+06
0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -43503.
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -19778.
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -22099.
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -24557.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -30589.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -24603.
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -21963.
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -19914.
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -19050.
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -22828.
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -25650.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -30589.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -25809.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -20643.
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -22327.
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -19550.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -19414.
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -26629.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -30589.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -26060.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -21599.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -13610.
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -2941.3
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -79251.
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00  -0.12345E+06
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -30377.
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -8723.6
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9747.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10832. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13492. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10852. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9687.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8783.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8402.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10069. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8352.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11314. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13492. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11384. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9105.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8352.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9847.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8623.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8563.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11745. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13492. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11494. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8352.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9526.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6003.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 226
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 605

CDM_TRsx - My (My) @ 5 - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -238.25 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -812.09 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
482        0        0   0.00000E+00   0.00000E+00   -684.00
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -2076.8
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -12818.
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -9355.3
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1093.0
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -876.99
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -791.59
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -704.49
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -689.12
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -806.96
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -676.31
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -919.68
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1093.0
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -930.78
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -724.99
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -676.31
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -812.09
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -684.00
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -709.62
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -941.03
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1093.0
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -924.81
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -676.31
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -171.64
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -715.38
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1747.3
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2228.5
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1981.4
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1993.3
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1749.4
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2136.4
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1782.0
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2543.5
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1802.0
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1507.7
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -5139.1
```

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0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -4328.5
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -9373.4
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -47946.
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -35834.
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -6917.0
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -5549.8
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -5009.4
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -4458.2
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -4360.9
0.00000E+00   0.00000E+00   0.00000E+00
548       0       0   0.00000E+00   0.00000E+00   -5106.7
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -5820.0
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -6917.0
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -5890.2
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -4587.9
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -5139.1
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -4328.5
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -4490.6
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -5955.1
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -6917.0
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -5852.4
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -1086.2
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -219.00
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -534.88
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -682.20
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -606.55
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -610.20
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -535.54
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -654.00
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -682.73
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -4209.2
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -3570.5
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -1929.4
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -5479.1
0.00000E+00   0.00000E+00   0.00000E+00
```

```
595        0        0   0.00000E+00   0.00000E+00   -6562.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5554.4
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -23845.
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00  -0.10297E+06
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -67980.
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7122.8
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6339.1
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5777.4
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5560.5
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -6488.1
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5547.0
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7413.9
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7448.0
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -6000.3
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5479.1
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6427.9
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5688.6
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5690.7
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7600.9
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7512.9
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5537.0
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2273.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6.4258
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -144.72
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -3618.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3183.8
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1698.3
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4829.8
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5730.2
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4937.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -29312.
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -91804.
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -52248.
```

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0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -6335.4
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -5352.7
0.00000E+00   0.00000E+00   0.00000E+00
660       0       0   0.00000E+00   0.00000E+00   -5314.8
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -4830.2
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -5561.9
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -5105.1
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -6418.1
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -6270.6
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -5692.4
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -4829.8
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -5185.2
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670       0       0   0.00000E+00   0.00000E+00   -5482.2
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -4830.9
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -6627.5
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -6687.8
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675       0       0   0.00000E+00   0.00000E+00   -5064.6
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676       0       0   0.00000E+00   0.00000E+00   -4812.1
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -4806.2
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678       0       0   0.00000E+00   0.00000E+00   -26.089
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00  -0.79517
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -19.879
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -17.494
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -4226.6
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -10256.
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -10529.
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -9510.8
0.00000E+00   0.00000E+00   0.00000E+00
711       0       0   0.00000E+00   0.00000E+00  -0.10905E+06
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00  -0.19324E+06
0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -63888.
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00   -12569.
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -10528.
0.00000E+00   0.00000E+00   0.00000E+00
717       0       0   0.00000E+00   0.00000E+00   -9770.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
718        0        0   0.00000E+00   0.00000E+00   -10342.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10327.
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720        0        0   0.00000E+00   0.00000E+00   -9626.7
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -13070.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15258.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12796.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10031.
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725        0        0   0.00000E+00   0.00000E+00   -10084.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10325.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9886.6
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10428.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12596.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12739.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9986.8
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10342.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9436.8
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1871.9
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9470.3
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21475.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20408.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00  -0.12267E+06
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00  -0.14522E+06
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -28337.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -25432.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21208.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -21742.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -20141.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -26810.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -30678.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -26277.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -20941.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -20941.
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -22008.
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -24898.
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787       0       0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -25210.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -20141.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -21742.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -5735.5
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -4177.1
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -9472.1
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823       0       0   0.00000E+00   0.00000E+00   -9001.4
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00  -0.10018E+06
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00  -0.12197E+06
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827       0       0   0.00000E+00   0.00000E+00   -13815.
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828       0       0   0.00000E+00   0.00000E+00   -13492.
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829       0       0   0.00000E+00   0.00000E+00   -11217.
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830       0       0   0.00000E+00   0.00000E+00   -9354.4
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -9589.8
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -8883.8
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -8354.3
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835       0       0   0.00000E+00   0.00000E+00   -11825.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00   -13532.
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -11590.
0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -9236.8
0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00   -9236.8
0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -9707.4
0.00000E+00   0.00000E+00   0.00000E+00
843       0       0   0.00000E+00   0.00000E+00   -10982.
0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -11119.
0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -8883.8
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9589.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 225
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 606

CDM_TRsx - My (My) @ 10 (-X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE |
| NODE | NODE | RNCE | FX | FY | FZ | MX | MY | MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -339.09 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -764.57 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -733.62 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -795.51 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -702.68 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2273.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -16406. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6087.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -782.62 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -746.52 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -751.68 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -937.34 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -954.10 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -689.79 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -697.52 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -800.67 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -728.47 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -928.31 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

```
502        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -924.44
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -171.48
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -285.64
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1523.4
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1682.1
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2348.6
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1848.8
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -2094.7
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1737.7
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2070.9
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1831.9
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2521.6
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1810.5
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2145.9
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4838.4
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -4642.6
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5034.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4446.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -10619.
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -61606.
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -24201.
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4952.6
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4724.1
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4756.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5931.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -6037.8
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4365.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4414.1
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5066.8
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4609.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -5874.6
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -5850.1
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -1085.2
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -87.442
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -466.36
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -514.94
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -718.97
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -565.95
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -641.24
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -531.94
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -633.96
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -698.00
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -4202.5
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -3573.1
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -2569.9
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -6039.7
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -6063.8
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -5517.4
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -6261.2
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -5868.7
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -18251.
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00  -0.13175E+06
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00   -48918.
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -6282.1
0.00000E+00   0.00000E+00   0.00000E+00
603       0       0   0.00000E+00   0.00000E+00   -5610.3
0.00000E+00   0.00000E+00   0.00000E+00
604       0       0   0.00000E+00   0.00000E+00   -5925.0
0.00000E+00   0.00000E+00   0.00000E+00
605       0       0   0.00000E+00   0.00000E+00   -6137.0
0.00000E+00   0.00000E+00   0.00000E+00
606       0       0   0.00000E+00   0.00000E+00   -5558.9
0.00000E+00   0.00000E+00   0.00000E+00
607       0       0   0.00000E+00   0.00000E+00   -7526.1
0.00000E+00   0.00000E+00   0.00000E+00
608       0       0   0.00000E+00   0.00000E+00   -8851.8
0.00000E+00   0.00000E+00   0.00000E+00
609       0       0   0.00000E+00   0.00000E+00   -7596.1
0.00000E+00   0.00000E+00   0.00000E+00
610       0       0   0.00000E+00   0.00000E+00   -5776.8
0.00000E+00   0.00000E+00   0.00000E+00
611       0       0   0.00000E+00   0.00000E+00   -5613.9
0.00000E+00   0.00000E+00   0.00000E+00
612       0       0   0.00000E+00   0.00000E+00   -6355.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
613        0        0   0.00000E+00   0.00000E+00   -5651.7
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5810.4
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7520.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8851.8
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7510.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5548.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2272.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6.4258
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -144.72
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -3618.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3183.8
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1701.8
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4832.8
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5727.5
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4937.1
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -4935.4
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5732.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -15989.
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00  -0.11733E+06
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -43502.
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5352.3
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -5313.9
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4832.2
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5560.0
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663        0        0   0.00000E+00   0.00000E+00   -5105.2
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6418.7
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6271.4
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5691.2
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4830.5
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5184.8
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5482.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4831.6
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6627.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6687.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -5064.6
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -4812.1
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -26.089
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00  -0.79517
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -19.879
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -17.494
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -4226.6
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -10256.
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -10529.
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -9510.8
0.00000E+00   0.00000E+00   0.00000E+00
711       0       0   0.00000E+00   0.00000E+00   -10671.
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00   -10188.
0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -33297.
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00  -0.24821E+06
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00   -91614.
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -10528.
0.00000E+00   0.00000E+00   0.00000E+00
717       0       0   0.00000E+00   0.00000E+00   -9770.7
0.00000E+00   0.00000E+00   0.00000E+00
718       0       0   0.00000E+00   0.00000E+00   -10342.
0.00000E+00   0.00000E+00   0.00000E+00
719       0       0   0.00000E+00   0.00000E+00   -10327.
0.00000E+00   0.00000E+00   0.00000E+00
720       0       0   0.00000E+00   0.00000E+00   -9626.7
0.00000E+00   0.00000E+00   0.00000E+00
721       0       0   0.00000E+00   0.00000E+00   -13070.
0.00000E+00   0.00000E+00   0.00000E+00
722       0       0   0.00000E+00   0.00000E+00   -15258.
0.00000E+00   0.00000E+00   0.00000E+00
723       0       0   0.00000E+00   0.00000E+00   -12796.
0.00000E+00   0.00000E+00   0.00000E+00
724       0       0   0.00000E+00   0.00000E+00   -10031.
0.00000E+00   0.00000E+00   0.00000E+00
725       0       0   0.00000E+00   0.00000E+00   -10084.
0.00000E+00   0.00000E+00   0.00000E+00
726       0       0   0.00000E+00   0.00000E+00   -10325.
0.00000E+00   0.00000E+00   0.00000E+00
727       0       0   0.00000E+00   0.00000E+00   -9886.6
0.00000E+00   0.00000E+00   0.00000E+00
728       0       0   0.00000E+00   0.00000E+00   -10428.
0.00000E+00   0.00000E+00   0.00000E+00
729       0       0   0.00000E+00   0.00000E+00   -12596.
0.00000E+00   0.00000E+00   0.00000E+00
730       0       0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
731       0       0   0.00000E+00   0.00000E+00   -12739.
0.00000E+00   0.00000E+00   0.00000E+00
732       0       0   0.00000E+00   0.00000E+00   -9986.8
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -10342.
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -9436.8
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -1871.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       764        0        0   0.00000E+00   0.00000E+00   -9470.3
0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -21475.
0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -20408.
0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -22542.
0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -19341.
0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -39780.
0.00000E+00   0.00000E+00   0.00000E+00
       771        0        0   0.00000E+00   0.00000E+00  -0.19079E+06
0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -79787.
0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -21208.
0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -21742.
0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -20141.
0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -26810.
0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00   -30678.
0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -26277.
0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -20941.
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -20941.
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -22008.
0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -24898.
0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -25210.
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -20141.
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -21742.
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -5735.5
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -4177.1
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -9472.1
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -9001.4
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -9942.8
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -8530.8
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -24128.
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00  -0.15787E+06
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -60202. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9354.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9589.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8883.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11825. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13532. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11590. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9236.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9236.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9707.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10982. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13492. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11119. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8883.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9589.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 227
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 607

CDM_TRsx - My (My) @ 10 (+X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE |
| NODE | NODE | RNCE | FX | FY | FZ | MX | MY | MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -339.09 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -764.57 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -733.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -795.51 | | | |

```
 0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -702.68
 0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -906.39
 0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -5194.9
 0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -14974.
 0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -4474.0
 0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -678.18
 0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -746.52
 0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -751.68
 0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -678.18
 0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -937.34
 0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1093.3
 0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -954.10
 0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -689.79
 0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -697.52
 0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -800.67
 0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -678.18
 0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -728.47
 0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -928.31
 0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1093.3
 0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -924.44
 0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -678.18
 0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -171.48
 0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -285.64
 0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1523.4
 0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1682.1
 0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2348.6
 0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1848.8
 0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -2094.7
 0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1737.7
 0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2070.9
 0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1831.9
 0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2521.6
 0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1810.5
 0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2145.9
 0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4838.4
 0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -4642.6
 0.00000E+00   0.00000E+00   0.00000E+00
```

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539        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5034.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4446.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5735.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -21567.
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -55939.
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -18136.
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4724.1
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4756.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5931.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -6037.8
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4365.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4414.1
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5066.8
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4609.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5874.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5850.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1085.2
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -87.442
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -466.36
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -514.94
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -718.97
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -565.95
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -641.24
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -531.94
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -633.96
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -698.00
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4202.5
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3573.1
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2569.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -6039.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -6063.8
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -5517.4
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -6261.2
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -5868.7
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -7278.1
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -71352.
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00  -0.10355E+06
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -23028.
0.00000E+00   0.00000E+00   0.00000E+00
603       0       0   0.00000E+00   0.00000E+00   -5610.3
0.00000E+00   0.00000E+00   0.00000E+00
604       0       0   0.00000E+00   0.00000E+00   -5925.0
0.00000E+00   0.00000E+00   0.00000E+00
605       0       0   0.00000E+00   0.00000E+00   -6137.0
0.00000E+00   0.00000E+00   0.00000E+00
606       0       0   0.00000E+00   0.00000E+00   -5558.9
0.00000E+00   0.00000E+00   0.00000E+00
607       0       0   0.00000E+00   0.00000E+00   -7526.1
0.00000E+00   0.00000E+00   0.00000E+00
608       0       0   0.00000E+00   0.00000E+00   -8851.8
0.00000E+00   0.00000E+00   0.00000E+00
609       0       0   0.00000E+00   0.00000E+00   -7596.1
0.00000E+00   0.00000E+00   0.00000E+00
610       0       0   0.00000E+00   0.00000E+00   -5776.8
0.00000E+00   0.00000E+00   0.00000E+00
611       0       0   0.00000E+00   0.00000E+00   -5613.9
0.00000E+00   0.00000E+00   0.00000E+00
612       0       0   0.00000E+00   0.00000E+00   -6355.3
0.00000E+00   0.00000E+00   0.00000E+00
613       0       0   0.00000E+00   0.00000E+00   -5651.7
0.00000E+00   0.00000E+00   0.00000E+00
614       0       0   0.00000E+00   0.00000E+00   -5810.4
0.00000E+00   0.00000E+00   0.00000E+00
615       0       0   0.00000E+00   0.00000E+00   -7520.2
0.00000E+00   0.00000E+00   0.00000E+00
616       0       0   0.00000E+00   0.00000E+00   -8851.8
0.00000E+00   0.00000E+00   0.00000E+00
617       0       0   0.00000E+00   0.00000E+00   -7510.6
0.00000E+00   0.00000E+00   0.00000E+00
618       0       0   0.00000E+00   0.00000E+00   -5548.9
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -2272.9
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -6.4258
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -144.72
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -3618.0
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -3183.8
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -1701.8
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -4832.8
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -5727.5
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -4937.1
0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -4935.4
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -5732.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
656        0        0   0.00000E+00   0.00000E+00   -6208.9
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -97469.
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -73011.
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5481.2
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -5313.9
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4832.2
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5560.0
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5105.2
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6418.7
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6271.4
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5691.2
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4830.5
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5184.8
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5482.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4831.6
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6627.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6687.8
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5064.6
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4812.1
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -26.089
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00  -0.79517
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -19.879
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.494
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4226.6
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10256.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10529.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9510.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -10671.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -10188.
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12495.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00  -0.20660E+06
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00  -0.15402E+06
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10528.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9770.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10342.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10327.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9626.7
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -13070.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15258.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12796.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10031.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10084.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10325.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9886.6
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10428.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12596.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12739.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9986.8
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10342.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9436.8
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1871.9
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9470.3
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21475.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20408.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22542.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19341.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25476.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00  -0.16219E+06
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00  -0.12270E+06
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21208.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -21742.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -20141.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -26810.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -30678.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -26277.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       782        0        0   0.00000E+00   0.00000E+00   -20941.
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -20941.
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -22008.
0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -24898.
0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -25210.
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -20141.
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -21742.
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -5735.5
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -4177.1
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -9472.1
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -9001.4
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -9942.8
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -8530.8
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00  -0.13209E+06
0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -98874.
0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -9354.4
0.00000E+00   0.00000E+00   0.00000E+00
       831        0        0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
       832        0        0   0.00000E+00   0.00000E+00   -9589.8
0.00000E+00   0.00000E+00   0.00000E+00
       833        0        0   0.00000E+00   0.00000E+00   -8883.8
0.00000E+00   0.00000E+00   0.00000E+00
       834        0        0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
       835        0        0   0.00000E+00   0.00000E+00   -11825.
0.00000E+00   0.00000E+00   0.00000E+00
       836        0        0   0.00000E+00   0.00000E+00   -13532.
0.00000E+00   0.00000E+00   0.00000E+00
       837        0        0   0.00000E+00   0.00000E+00   -11590.
0.00000E+00   0.00000E+00   0.00000E+00
       838        0        0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
       839        0        0   0.00000E+00   0.00000E+00   -9236.8
0.00000E+00   0.00000E+00   0.00000E+00
       840        0        0   0.00000E+00   0.00000E+00   -9236.8
0.00000E+00   0.00000E+00   0.00000E+00
       841        0        0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
       842        0        0   0.00000E+00   0.00000E+00   -9707.4
0.00000E+00   0.00000E+00   0.00000E+00
       843        0        0   0.00000E+00   0.00000E+00   -10982.
0.00000E+00   0.00000E+00   0.00000E+00
       844        0        0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
       845        0        0   0.00000E+00   0.00000E+00   -11119.
0.00000E+00   0.00000E+00   0.00000E+00
       846        0        0   0.00000E+00   0.00000E+00   -8883.8
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9589.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 227
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 608

CDM_TRsx - My (My) @ 16 (-X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -339.09 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -764.57 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -733.62 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -795.51 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -702.68 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -906.39 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -892.21 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -782.62 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8881.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12778. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -937.34 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -954.10 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -689.79 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -697.52 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -800.67 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -728.47 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -928.31 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -924.44
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -171.48
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -125.11
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1722.7
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1780.5
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1799.7
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1758.0
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2181.5
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1921.6
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -2059.6
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1799.7
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1992.2
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1889.9
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2494.5
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1819.8
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2145.9
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4838.4
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -4642.6
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5034.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4446.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5735.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5646.1
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4952.6
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -33589.
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -47693.
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -10616.
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5931.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -6037.8
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4365.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4414.1
0.00000E+00   0.00000E+00   0.00000E+00
```

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555        0        0   0.00000E+00   0.00000E+00   -5066.8
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4609.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5874.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5850.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1085.2
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -38.300
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -527.36
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -545.04
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -550.93
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -538.17
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -667.80
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -588.25
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -630.48
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -550.93
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -609.86
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -715.75
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4194.2
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3576.0
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2569.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -6039.7
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -6063.8
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5517.4
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6261.2
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5868.7
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7278.1
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8851.8
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7219.5
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6282.1
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -71450.
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00  -0.10249E+06
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -19305.
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5558.9
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7526.1
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8851.8
```

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0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7596.1
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5776.8
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5613.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6355.3
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5651.7
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5810.4
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7520.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8851.8
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7510.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5548.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2272.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6.4258
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -144.72
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -3618.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3183.8
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1701.8
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4832.8
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5727.5
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4937.1
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -4935.4
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5732.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6208.9
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6335.9
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5352.3
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -63997.
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -90901.
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -17297.
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5105.2
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6418.7
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6271.4
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5691.2
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4830.5
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5184.8
0.00000E+00   0.00000E+00   0.00000E+00
```

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670        0        0   0.00000E+00   0.00000E+00   -5482.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4831.6
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6627.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6687.8
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5064.6
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4812.1
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -26.089
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00  -0.79517
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -19.879
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.494
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -3318.8
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -11313.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9527.0
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -9887.2
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -10953.
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12241.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12215.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -11032.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00  -0.13462E+06
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00  -0.19285E+06
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -35817.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9610.8
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -12814.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12972.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10090.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -9774.4
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10616.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9870.7
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10203.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12747.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12764.
```

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0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9914.9
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10396.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1871.3
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -6661.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -22835.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18991.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -20118.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -21709.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -24691.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24338.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -22769.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00  -0.10488E+06
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00  -0.14593E+06
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -38940.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -26017.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -26824.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19123.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19985.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -21841.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -21311.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -25365.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25288.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -19919.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -21907.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -5733.7
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -2938.3
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -8332.6
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -10072.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 824 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8376.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 825 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8873.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9575.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10891. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13488. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10735. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10043. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -85749. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.12228E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -25073. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11476. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13488. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11831. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8434.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8815.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9633.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9399.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11188. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13488. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11154. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8785.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9662.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 231
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 609

CDM_TRsx - My (My) @ 16 (+X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
| FORCE MX | FORCE MY | FORCE MZ | | | | |

```
479        0        0   0.00000E+00   0.00000E+00   -339.09
0.00000E+00   0.00000E+00   0.00000E+00
480        0        0   0.00000E+00   0.00000E+00   -764.57
0.00000E+00   0.00000E+00   0.00000E+00
481        0        0   0.00000E+00   0.00000E+00   -733.62
0.00000E+00   0.00000E+00   0.00000E+00
482        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -795.51
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -702.68
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -906.39
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -892.21
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -782.62
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -9633.2
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -12783.
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -1635.2
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -937.34
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -954.10
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -689.79
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -697.52
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -800.67
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -728.47
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -928.31
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -924.44
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -171.48
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -620.91
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1813.1
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2081.3
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1584.6
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1741.9
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2238.6
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1970.4
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -2001.8
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1748.5
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2131.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -1786.2
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -2541.7
0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -1802.7
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -2145.9
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -4838.4
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -4642.6
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -5034.2
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -4446.7
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -5735.9
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -5646.1
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -4952.6
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -36462.
0.00000E+00   0.00000E+00   0.00000E+00
548       0       0   0.00000E+00   0.00000E+00   -47726.
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -7709.7
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -5931.7
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -6037.8
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -4365.1
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -4414.1
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -5066.8
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -4609.9
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -5874.6
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -5850.1
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -1085.2
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -190.07
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -555.02
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -637.13
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -485.07
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -533.22
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -685.28
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 586 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -603.17 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 587 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -612.80 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 588 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -535.25 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 589 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -652.34 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 590 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -684.01 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 591 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4208.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 592 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3570.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 593 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2569.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 594 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6039.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 595 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6063.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 596 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5517.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 597 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6261.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 598 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5868.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 599 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7278.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 600 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8851.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 601 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7219.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 602 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6282.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 603 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5610.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 604 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -77251. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 605 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.10270E+06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 606 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13240. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 607 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7526.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 608 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8851.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 609 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7596.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 610 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5776.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 611 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5613.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 612 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6355.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 613 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5651.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 614 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5810.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 615 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7520.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 616 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8851.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 617 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7510.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 618 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5548.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 619 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2272.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 620 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1183.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 621 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6.4258 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 647 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -144.72 |

```
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -3618.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3183.8
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1701.8
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4832.8
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5727.5
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4937.1
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -4935.4
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5732.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6208.9
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6335.9
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5352.3
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -5313.9
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -68406.
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -91629.
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -11952.
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6418.7
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6271.4
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5691.2
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4830.5
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5184.8
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5482.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4831.6
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6627.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6687.8
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5064.6
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4812.1
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -26.089
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00  -0.79517
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -19.879
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.494
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -3318.8
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
709        0        0   0.00000E+00   0.00000E+00   -11313.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9527.0
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -9887.2
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -10953.
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12241.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12215.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -11032.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9808.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00  -0.14501E+06
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00  -0.19391E+06
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -24172.
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -12814.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12972.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10090.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -9774.4
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10616.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9870.7
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10203.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12747.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12764.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9914.9
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10396.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1871.3
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -6661.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -22835.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18991.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -20118.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -21709.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -24691.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24338.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -22769.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -19057.
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00  -0.11303E+06
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00  -0.14765E+06
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -28904.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -26017.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -26824.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -19123.
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -19985.
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -21841.
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -21311.
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -25365.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -25288.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -19919.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -21907.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -5733.7
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -2938.3
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -8332.6
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -10072.
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -8376.4
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -8873.5
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -9575.1
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -10891.
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -13488.
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -10735.
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -10043.
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -8405.7
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -92633.
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00  -0.12304E+06
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -17356.
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -11476.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00   -13488.
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -11831.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8434.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8815.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9633.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9399.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11188. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13488. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11154. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8785.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9662.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 231
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 610

CDM_TRsx - My (My) @ 20 - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -337.20 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -772.39 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -721.49 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.23 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -815.65 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -674.41 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -917.45 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1092.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -938.23 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.85 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -685.86 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -808.02 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4092.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12768. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
493        0        0   0.00000E+00   0.00000E+00   -7348.7
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1092.6
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -909.82
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -693.50
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -800.38
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -674.41
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -744.39
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -749.48
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -891.15
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1092.6
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -885.64
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -620.96
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -1541.3
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1976.6
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2216.6
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1843.9
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2091.9
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1955.2
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2109.3
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1922.9
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1895.4
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2004.6
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1610.4
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1767.0
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2191.6
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2021.8
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1962.1
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1762.0
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2138.0
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1907.8
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2696.0
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1794.7
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2133.9
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4887.9
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -4565.8
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4292.0
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5161.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4267.8
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5805.8
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6914.4
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5937.4
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4517.4
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4340.3
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -5113.3
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -16475.
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -47631.
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -28790.
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6914.4
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -5757.5
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4388.6
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -5065.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4267.8
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4710.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4742.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5639.4
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -6914.4
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5604.5
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -3929.6
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -471.83
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -605.08
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -678.56
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -564.45
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -640.39
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -598.53
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -645.71
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -588.64
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -580.23
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -613.65
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -492.97
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -540.93
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -670.90
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -618.92
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -600.66
0.00000E+00   0.00000E+00   0.00000E+00
```

```
588        0        0   0.00000E+00   0.00000E+00   -539.38
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -654.50
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1516.7
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -5135.0
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3540.4
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2557.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -6089.3
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -5986.7
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5517.7
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6389.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5689.1
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7348.4
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8847.2
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7511.8
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -5845.4
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5659.0
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -6315.6
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -21152.
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -74824.
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -85250.
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22206.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7314.9
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5800.3
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -6267.1
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5553.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -6072.2
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5943.9
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7284.1
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8847.2
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7264.1
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5185.5
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6.4258
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -983.64
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -4545.1
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3154.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -1701.7
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -4833.1
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -5727.0
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -4937.1
0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -4936.1
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -5731.2
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656       0       0   0.00000E+00   0.00000E+00   -6209.3
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -6337.6
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -5349.9
0.00000E+00   0.00000E+00   0.00000E+00
660       0       0   0.00000E+00   0.00000E+00   -5314.2
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -4834.3
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -5676.6
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -34726.
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00  -0.10592E+06
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -35036.
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -6269.9
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -5691.3
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -4834.1
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -5180.4
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -5484.4
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -4832.3
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -6625.8
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -6686.5
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -5062.6
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -26.089
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -5.4046
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -24.973
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -17.332
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -3318.8
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -11313.
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -9527.0
0.00000E+00   0.00000E+00   0.00000E+00
```

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       711        0        0   0.00000E+00   0.00000E+00   -9887.2
0.00000E+00   0.00000E+00   0.00000E+00
       712        0        0   0.00000E+00   0.00000E+00   -10953.
0.00000E+00   0.00000E+00   0.00000E+00
       713        0        0   0.00000E+00   0.00000E+00   -12241.
0.00000E+00   0.00000E+00   0.00000E+00
       714        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
       715        0        0   0.00000E+00   0.00000E+00   -12215.
0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -11032.
0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -9808.3
0.00000E+00   0.00000E+00   0.00000E+00
       718        0        0   0.00000E+00   0.00000E+00   -9795.8
0.00000E+00   0.00000E+00   0.00000E+00
       719        0        0   0.00000E+00   0.00000E+00   -10855.
0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -72015.
0.00000E+00   0.00000E+00   0.00000E+00
       721        0        0   0.00000E+00   0.00000E+00  -0.22499E+06
0.00000E+00   0.00000E+00   0.00000E+00
       722        0        0   0.00000E+00   0.00000E+00   -73470.
0.00000E+00   0.00000E+00   0.00000E+00
       723        0        0   0.00000E+00   0.00000E+00   -12972.
0.00000E+00   0.00000E+00   0.00000E+00
       724        0        0   0.00000E+00   0.00000E+00   -10090.
0.00000E+00   0.00000E+00   0.00000E+00
       725        0        0   0.00000E+00   0.00000E+00   -9774.4
0.00000E+00   0.00000E+00   0.00000E+00
       726        0        0   0.00000E+00   0.00000E+00   -10616.
0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -9870.7
0.00000E+00   0.00000E+00   0.00000E+00
       728        0        0   0.00000E+00   0.00000E+00   -10203.
0.00000E+00   0.00000E+00   0.00000E+00
       729        0        0   0.00000E+00   0.00000E+00   -12747.
0.00000E+00   0.00000E+00   0.00000E+00
       730        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -12764.
0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -9914.9
0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -10396.
0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -1871.3
0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -6661.7
0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -22835.
0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -18991.
0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -20118.
0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -21709.
0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -24691.
0.00000E+00   0.00000E+00   0.00000E+00
       771        0        0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -24338.
0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -22769.
0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -19057.
0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -20051.
```

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0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -21775.
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777       0       0   0.00000E+00   0.00000E+00   -61803.
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00  -0.17192E+06
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -70631.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -26824.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -19123.
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -19985.
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -21841.
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -21311.
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -25365.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -25288.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -19919.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -21907.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -5733.7
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -2938.3
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -8332.6
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -10072.
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -8376.4
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -8873.5
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -9575.1
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -10891.
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -13488.
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -10735.
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -10043.
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -8405.7
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -8844.2
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -9604.4
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -47004.
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00  -0.14296E+06
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00   -49582.
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -11831.
0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -8434.9
0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -8815.0
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9633.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9399.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11188. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13488. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11154. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8785.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9662.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 243
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 611

CDM_TRsx - My (My) @ 22 (-X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1291.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1609.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -727.55 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -809.53 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -686.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -912.00 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -915.41 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -748.04 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -789.03 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -707.05 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -686.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -16269. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7655.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
495        0        0   0.00000E+00   0.00000E+00   -932.49
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -676.31
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -768.54
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -727.55
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -676.31
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -809.53
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -874.42
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1093.0
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -891.50
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -676.31
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -71.730
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -22.649
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1816.6
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1817.3
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2257.0
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1794.4
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2024.3
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1884.2
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1650.6
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1806.3
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2117.7
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2102.2
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1899.7
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1806.3
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2102.2
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1849.3
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2621.2
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1805.1
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2431.8
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5121.0
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -4604.1
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5122.9
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4344.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5771.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5793.0
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0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4733.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4993.2
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4474.4
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4344.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -60740.
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -30354.
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -5901.0
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4863.5
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4604.1
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5122.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5533.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -6917.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5641.7
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -453.93
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -6.9335
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -556.11
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -556.31
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -690.90
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -549.30
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -619.68
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -576.78
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -505.28
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -552.95
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -648.28
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -643.52
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -581.55
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -552.95
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -643.52
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1106.4
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4584.6
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3640.1
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2563.9
0.00000E+00   0.00000E+00   0.00000E+00
```

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       594        0        0   0.00000E+00   0.00000E+00   -6064.9
0.00000E+00   0.00000E+00   0.00000E+00
       595        0        0   0.00000E+00   0.00000E+00   -6025.2
0.00000E+00   0.00000E+00   0.00000E+00
       596        0        0   0.00000E+00   0.00000E+00   -5505.6
0.00000E+00   0.00000E+00   0.00000E+00
       597        0        0   0.00000E+00   0.00000E+00   -6350.2
0.00000E+00   0.00000E+00   0.00000E+00
       598        0        0   0.00000E+00   0.00000E+00   -5766.3
0.00000E+00   0.00000E+00   0.00000E+00
       599        0        0   0.00000E+00   0.00000E+00   -7313.7
0.00000E+00   0.00000E+00   0.00000E+00
       600        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
       601        0        0   0.00000E+00   0.00000E+00   -7366.8
0.00000E+00   0.00000E+00   0.00000E+00
       602        0        0   0.00000E+00   0.00000E+00   -6062.5
0.00000E+00   0.00000E+00   0.00000E+00
       603        0        0   0.00000E+00   0.00000E+00   -5598.4
0.00000E+00   0.00000E+00   0.00000E+00
       604        0        0   0.00000E+00   0.00000E+00   -6195.0
0.00000E+00   0.00000E+00   0.00000E+00
       605        0        0   0.00000E+00   0.00000E+00   -5853.6
0.00000E+00   0.00000E+00   0.00000E+00
       606        0        0   0.00000E+00   0.00000E+00   -5612.1
0.00000E+00   0.00000E+00   0.00000E+00
       607        0        0   0.00000E+00   0.00000E+00   -96197.
0.00000E+00   0.00000E+00   0.00000E+00
       608        0        0   0.00000E+00   0.00000E+00   -92056.
0.00000E+00   0.00000E+00   0.00000E+00
       609        0        0   0.00000E+00   0.00000E+00   -11276.
0.00000E+00   0.00000E+00   0.00000E+00
       610        0        0   0.00000E+00   0.00000E+00   -5691.2
0.00000E+00   0.00000E+00   0.00000E+00
       611        0        0   0.00000E+00   0.00000E+00   -6064.9
0.00000E+00   0.00000E+00   0.00000E+00
       612        0        0   0.00000E+00   0.00000E+00   -5890.9
0.00000E+00   0.00000E+00   0.00000E+00
       613        0        0   0.00000E+00   0.00000E+00   -5639.8
0.00000E+00   0.00000E+00   0.00000E+00
       614        0        0   0.00000E+00   0.00000E+00   -6325.2
0.00000E+00   0.00000E+00   0.00000E+00
       615        0        0   0.00000E+00   0.00000E+00   -7177.9
0.00000E+00   0.00000E+00   0.00000E+00
       616        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
       617        0        0   0.00000E+00   0.00000E+00   -7301.4
0.00000E+00   0.00000E+00   0.00000E+00
       618        0        0   0.00000E+00   0.00000E+00   -5537.0
0.00000E+00   0.00000E+00   0.00000E+00
       619        0        0   0.00000E+00   0.00000E+00   -1639.3
0.00000E+00   0.00000E+00   0.00000E+00
       620        0        0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
       621        0        0   0.00000E+00   0.00000E+00   -6.4258
0.00000E+00   0.00000E+00   0.00000E+00
       647        0        0   0.00000E+00   0.00000E+00   -569.84
0.00000E+00   0.00000E+00   0.00000E+00
       648        0        0   0.00000E+00   0.00000E+00   -3988.8
0.00000E+00   0.00000E+00   0.00000E+00
       649        0        0   0.00000E+00   0.00000E+00   -3256.2
0.00000E+00   0.00000E+00   0.00000E+00
       650        0        0   0.00000E+00   0.00000E+00   -1701.8
0.00000E+00   0.00000E+00   0.00000E+00
       651        0        0   0.00000E+00   0.00000E+00   -4833.0
0.00000E+00   0.00000E+00   0.00000E+00
       652        0        0   0.00000E+00   0.00000E+00   -5727.3
0.00000E+00   0.00000E+00   0.00000E+00
       653        0        0   0.00000E+00   0.00000E+00   -4937.0
0.00000E+00   0.00000E+00   0.00000E+00
       654        0        0   0.00000E+00   0.00000E+00   -4935.9
0.00000E+00   0.00000E+00   0.00000E+00
       655        0        0   0.00000E+00   0.00000E+00   -5731.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
656       0       0   0.00000E+00   0.00000E+00   -6209.1
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -6336.8
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -5351.1
0.00000E+00   0.00000E+00   0.00000E+00
660       0       0   0.00000E+00   0.00000E+00   -5313.8
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -4833.7
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -5558.4
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -5105.5
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -45885.
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00  -0.11702E+06
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -14057.
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -5690.7
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -4833.0
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -5182.3
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -5482.0
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -4834.4
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -6625.2
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -6686.7
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -5064.6
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -4808.7
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -26.089
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -3.1310
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -21.917
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -17.891
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -3318.8
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -11313.
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -9527.0
0.00000E+00   0.00000E+00   0.00000E+00
711       0       0   0.00000E+00   0.00000E+00   -9887.2
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00   -10953.
0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -12241.
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00   -12215.
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -11032.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
717        0        0   0.00000E+00   0.00000E+00   -9808.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -9795.8
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10855.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9610.8
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -96020.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.24820E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -29614.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10090.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -9774.4
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10616.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9870.7
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10203.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12747.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15226.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12764.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9914.9
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10396.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9420.9
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1871.3
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -6661.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -22835.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18991.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -20118.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -21709.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -24691.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24338.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -22769.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -19057.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -20051.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -21775.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -83233.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.19078E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -38267.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19123.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19985.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -21841.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -21311.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -25365.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30580.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25288.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -19919.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -21907.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18891.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -5733.7
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -2938.3
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -8332.6
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -10072.
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -8376.4
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -8873.5
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -9575.1
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -10891.
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -13488.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -10735.
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -10043.
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -8405.7
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -8844.2
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -9604.4
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -8332.6
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -63038.
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00  -0.15786E+06
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -22144.
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -8434.9
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -8815.0
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -9633.6
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -8332.6
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -9399.7
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -13488.
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -11154.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8785.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9662.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8332.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 239
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 612

CDM_TRsx - My (My) @ 22 (+X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1280.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2260.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -806.06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -809.53 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -686.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -912.00 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -915.41 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -748.04 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -789.03 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -707.05 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -686.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3690.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -16406. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4760.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -768.54 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -727.55 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.31 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -809.53 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
501        0        0   0.00000E+00   0.00000E+00   -874.42
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1093.0
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -891.50
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -676.31
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -71.730
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1580.9
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1930.1
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2054.7
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2044.0
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1892.6
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2069.9
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1769.9
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1715.2
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1869.3
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1997.6
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2231.5
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1798.2
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1877.4
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2043.5
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1859.6
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2641.3
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1795.8
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2428.3
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5320.1
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -4628.1
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5122.9
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4344.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5771.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5793.0
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4733.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4993.2
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4474.4
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4344.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -15818.
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0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -61604.
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -19573.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4863.5
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4604.1
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5122.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5533.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -6917.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5641.7
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4279.9
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -453.93
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -483.93
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -590.83
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -628.99
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -625.72
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -579.38
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -633.64
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -541.80
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -525.05
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -572.22
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -611.50
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -683.12
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -550.47
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -574.72
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -625.55
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1109.6
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4590.8
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3637.2
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2563.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -6064.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -6025.2
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5505.6
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6350.2
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5766.3
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7313.7
0.00000E+00   0.00000E+00   0.00000E+00
```

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       600        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
       601        0        0   0.00000E+00   0.00000E+00   -7366.8
0.00000E+00   0.00000E+00   0.00000E+00
       602        0        0   0.00000E+00   0.00000E+00   -6062.5
0.00000E+00   0.00000E+00   0.00000E+00
       603        0        0   0.00000E+00   0.00000E+00   -5598.4
0.00000E+00   0.00000E+00   0.00000E+00
       604        0        0   0.00000E+00   0.00000E+00   -6195.0
0.00000E+00   0.00000E+00   0.00000E+00
       605        0        0   0.00000E+00   0.00000E+00   -5853.6
0.00000E+00   0.00000E+00   0.00000E+00
       606        0        0   0.00000E+00   0.00000E+00   -5612.1
0.00000E+00   0.00000E+00   0.00000E+00
       607        0        0   0.00000E+00   0.00000E+00   -29594.
0.00000E+00   0.00000E+00   0.00000E+00
       608        0        0   0.00000E+00   0.00000E+00  -0.13175E+06
0.00000E+00   0.00000E+00   0.00000E+00
       609        0        0   0.00000E+00   0.00000E+00   -38184.
0.00000E+00   0.00000E+00   0.00000E+00
       610        0        0   0.00000E+00   0.00000E+00   -5691.2
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       611        0        0   0.00000E+00   0.00000E+00   -6064.9
0.00000E+00   0.00000E+00   0.00000E+00
       612        0        0   0.00000E+00   0.00000E+00   -5890.9
0.00000E+00   0.00000E+00   0.00000E+00
       613        0        0   0.00000E+00   0.00000E+00   -5639.8
0.00000E+00   0.00000E+00   0.00000E+00
       614        0        0   0.00000E+00   0.00000E+00   -6325.2
0.00000E+00   0.00000E+00   0.00000E+00
       615        0        0   0.00000E+00   0.00000E+00   -7177.9
0.00000E+00   0.00000E+00   0.00000E+00
       616        0        0   0.00000E+00   0.00000E+00   -8849.8
0.00000E+00   0.00000E+00   0.00000E+00
       617        0        0   0.00000E+00   0.00000E+00   -7301.4
0.00000E+00   0.00000E+00   0.00000E+00
       618        0        0   0.00000E+00   0.00000E+00   -5537.0
0.00000E+00   0.00000E+00   0.00000E+00
       619        0        0   0.00000E+00   0.00000E+00   -1639.3
0.00000E+00   0.00000E+00   0.00000E+00
       620        0        0   0.00000E+00   0.00000E+00   -1183.8
0.00000E+00   0.00000E+00   0.00000E+00
       621        0        0   0.00000E+00   0.00000E+00   -6.4258
0.00000E+00   0.00000E+00   0.00000E+00
       647        0        0   0.00000E+00   0.00000E+00   -569.84
0.00000E+00   0.00000E+00   0.00000E+00
       648        0        0   0.00000E+00   0.00000E+00   -3988.8
0.00000E+00   0.00000E+00   0.00000E+00
       649        0        0   0.00000E+00   0.00000E+00   -3256.2
0.00000E+00   0.00000E+00   0.00000E+00
       650        0        0   0.00000E+00   0.00000E+00   -1701.8
0.00000E+00   0.00000E+00   0.00000E+00
       651        0        0   0.00000E+00   0.00000E+00   -4833.0
0.00000E+00   0.00000E+00   0.00000E+00
       652        0        0   0.00000E+00   0.00000E+00   -5727.3
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       653        0        0   0.00000E+00   0.00000E+00   -4937.0
0.00000E+00   0.00000E+00   0.00000E+00
       654        0        0   0.00000E+00   0.00000E+00   -4935.9
0.00000E+00   0.00000E+00   0.00000E+00
       655        0        0   0.00000E+00   0.00000E+00   -5731.6
0.00000E+00   0.00000E+00   0.00000E+00
       656        0        0   0.00000E+00   0.00000E+00   -6209.1
0.00000E+00   0.00000E+00   0.00000E+00
       657        0        0   0.00000E+00   0.00000E+00   -7783.6
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       658        0        0   0.00000E+00   0.00000E+00   -6336.8
0.00000E+00   0.00000E+00   0.00000E+00
       659        0        0   0.00000E+00   0.00000E+00   -5351.1
0.00000E+00   0.00000E+00   0.00000E+00
       660        0        0   0.00000E+00   0.00000E+00   -5313.8
0.00000E+00   0.00000E+00   0.00000E+00
       661        0        0   0.00000E+00   0.00000E+00   -4833.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -5558.4
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -5105.5
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -25980.
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00  -0.11733E+06
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -33656.
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -5690.7
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -4833.0
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -5182.3
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -5482.0
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -4834.4
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -6625.2
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -7783.6
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -6686.7
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -5064.6
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676       0       0   0.00000E+00   0.00000E+00   -4808.7
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -4806.2
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678       0       0   0.00000E+00   0.00000E+00   -26.089
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -3.1310
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705       0       0   0.00000E+00   0.00000E+00   -21.917
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706       0       0   0.00000E+00   0.00000E+00   -17.891
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707       0       0   0.00000E+00   0.00000E+00   -2421.9
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -9404.7
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -10470.
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -10352.
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711       0       0   0.00000E+00   0.00000E+00   -9474.7
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00   -10985.
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713       0       0   0.00000E+00   0.00000E+00   -12352.
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714       0       0   0.00000E+00   0.00000E+00   -15222.
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715       0       0   0.00000E+00   0.00000E+00   -12419.
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716       0       0   0.00000E+00   0.00000E+00   -10423.
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717       0       0   0.00000E+00   0.00000E+00   -10399.
0.00000E+00   0.00000E+00   0.00000E+00
718       0       0   0.00000E+00   0.00000E+00   -9404.7
0.00000E+00   0.00000E+00   0.00000E+00
719       0       0   0.00000E+00   0.00000E+00   -11078.
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720       0       0   0.00000E+00   0.00000E+00   -9743.7
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721       0       0   0.00000E+00   0.00000E+00   -54248.
0.00000E+00   0.00000E+00   0.00000E+00
722       0       0   0.00000E+00   0.00000E+00  -0.24820E+06
0.00000E+00   0.00000E+00   0.00000E+00
```

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723        0        0   0.00000E+00   0.00000E+00   -70979.
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724        0        0   0.00000E+00   0.00000E+00   -10446.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -9468.6
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726        0        0   0.00000E+00   0.00000E+00   -10903.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9854.5
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728        0        0   0.00000E+00   0.00000E+00   -9979.7
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12895.
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730        0        0   0.00000E+00   0.00000E+00   -15222.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12788.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -9843.5
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733        0        0   0.00000E+00   0.00000E+00   -10448.
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734        0        0   0.00000E+00   0.00000E+00   -9404.7
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1870.6
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3886.9
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -18841.
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766        0        0   0.00000E+00   0.00000E+00   -20225.
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768        0        0   0.00000E+00   0.00000E+00   -18841.
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769        0        0   0.00000E+00   0.00000E+00   -21806.
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770        0        0   0.00000E+00   0.00000E+00   -25034.
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771        0        0   0.00000E+00   0.00000E+00   -30568.
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772        0        0   0.00000E+00   0.00000E+00   -24968.
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773      774        1   0.00000E+00   0.00000E+00   -20884.
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775        0        0   0.00000E+00   0.00000E+00   -18841.
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776        0        0   0.00000E+00   0.00000E+00   -22465.
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777        0        0   0.00000E+00   0.00000E+00   -19303.
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778        0        0   0.00000E+00   0.00000E+00   -54103.
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779        0        0   0.00000E+00   0.00000E+00  -0.19077E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -66139.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -20225.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19039.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22728.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18841.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -20620.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -25825.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30568.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25363.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -19698.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -22069.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -18841.
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -5731.5
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -1714.4
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -8310.5
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -8920.7
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -9501.9
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -8310.5
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -9618.1
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -11042.
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -13483.
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -11013.
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -9211.3
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -9211.3
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -8310.5
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -9908.7
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -8513.9
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -37027.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00  -0.15786E+06
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -47601.
0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -8920.7
0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -8397.7
0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00   -10025.
0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -8310.5
0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -9095.1
0.00000E+00   0.00000E+00   0.00000E+00
843       0       0   0.00000E+00   0.00000E+00   -11391.
0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00   -13483.
0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -11187.
0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -8688.3
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -9734.3
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -8310.5
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -2528.0
0.00000E+00   0.00000E+00   0.00000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =           239
    LARGEST NODE OR ELEMENT NUMBER              =           849
```

L O A D C A S E 613

CDM_TRsx - My (My) @ 28 - Negative - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1223.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2816.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2555.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2020.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -796.63 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -701.40 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -906.84 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -894.06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -779.88 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.04 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -749.90 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -748.13 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.04 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -938.58 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -957.54 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4102.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12734. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7220.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.04 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -734.91 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -924.04 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -921.83 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.51 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -182.80 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1818.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1968.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

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514        0        0   0.00000E+00   0.00000E+00   -2115.3
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1934.9
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2148.5
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1993.4
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2147.6
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1841.8
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2183.9
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1835.2
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2248.2
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1789.6
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2045.7
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1864.1
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1657.3
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1812.8
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2105.4
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2115.5
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1889.3
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1813.6
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2096.2
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -2030.9
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2723.7
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1796.7
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2416.2
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5468.4
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -5197.5
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5041.3
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4438.6
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5738.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6918.8
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5657.8
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4935.2
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4290.8
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4745.5
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4734.4
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4290.8
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5939.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6918.8
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -6059.5
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -16540.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -47419.
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -27979.
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4290.8
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4650.7
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5847.5
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -6918.8
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5833.6
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1933.4
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -55.960
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -556.70
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -602.48
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -647.54
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -592.31
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -657.71
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -610.23
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -657.43
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -563.83
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -668.55
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -561.78
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -688.24
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -547.84
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -626.24
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -570.64
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -507.32
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -554.94
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -644.51
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -647.60
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -578.36
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -555.20
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -641.68
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -2249.1
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -5220.6
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3592.5
0.00000E+00   0.00000E+00   0.00000E+00
```

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593        0        0   0.00000E+00   0.00000E+00   -2394.4
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -6038.6
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -5896.6
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5677.2
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6240.2
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5763.1
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7354.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8851.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7270.5
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6148.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5722.6
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5943.4
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -6014.5
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5654.5
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7502.2
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8851.1
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7605.6
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -26024.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00  -0.10224E+06
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -64997.
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5699.9
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5848.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7477.9
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8851.1
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7483.8
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -3197.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1180.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1180.7
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -8.5146
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1716.3
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -4626.5
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3208.7
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -991.29
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -4820.3
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5061.2
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -5589.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -4821.4
```

```
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5336.6
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6507.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7781.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6495.6
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -4878.4
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -5773.7
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4819.8
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5153.9
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5497.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6289.8
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7781.6
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6221.3
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -15557.
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -91014.
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -65539.
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5681.5
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4819.2
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6565.8
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7781.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6646.4
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5115.4
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4793.6
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -4793.6
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -34.569
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -9.4302
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -25.420
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.630
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -675.49
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -8308.4
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10153.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9959.0
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -10515.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9990.2
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12676.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12639.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
716        0        0   0.00000E+00   0.00000E+00   -10261.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -10086.
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10280.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10098.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9895.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -12937.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15286.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12772.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -20535.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00  -0.13341E+06
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00  -0.16597E+06
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -53305.
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10398.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12569.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12713.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10024.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10339.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9426.6
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1877.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -15476.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20666.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22304.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19573.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25400.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30589.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -25308.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21394.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -21576.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -20301.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -26674.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -30771.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -26310.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -18936.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -63760.
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00  -0.14691E+06
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -79013.
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -21940.
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -24944.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -30589.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -25217.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -20119.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -21758.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -18936.
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -5735.4
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -6826.3
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -9115.1
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -8352.2
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -9837.9
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -8633.3
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -11203.
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -11163.
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -9436.3
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -8352.2
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -9516.7
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -8954.5
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -8352.2
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -11765.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00   -13572.
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -11605.
0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -8352.2
0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -47867.
0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00  -0.12271E+06
0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -62493.
0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -9677.3
0.00000E+00   0.00000E+00   0.00000E+00
843       0       0   0.00000E+00   0.00000E+00   -11002.
0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00   -13492.
0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -11123.
0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -8874.2
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9597.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8352.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 251
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 614

CDM_TRsx - My (My) @ 34 (-X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1187.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2909.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2414.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2830.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2492.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2641.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2421.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1423.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -136.38 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -737.08 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -802.03 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -685.13 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -730.59 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -756.57 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -668.90 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13536. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10394. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -918.92 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -301.98 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -424.64 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1825.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2195.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1898.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

```
515        0        0   0.00000E+00   0.00000E+00   -2139.9
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -1953.3
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2157.5
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -1999.0
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2007.6
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2022.5
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1974.9
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2118.4
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1817.6
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2136.4
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1766.6
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1694.1
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1848.8
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2036.9
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2189.4
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1831.4
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1854.3
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2062.7
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -2036.8
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2735.2
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1791.4
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2333.8
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5728.9
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -4737.9
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -5588.2
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4878.5
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4749.2
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -1032.6
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -435.82
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -863.03
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -4664.5
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -5075.4
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4335.7
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4623.4
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4787.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4232.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -50984.
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0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5815.2
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561        0        0   0.00000E+00   0.00000E+00   -1911.0
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -129.99
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -558.78
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -671.93
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -581.12
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -655.08
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -597.96
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -660.46
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575        0        0   0.00000E+00   0.00000E+00   -611.93
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -614.57
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577        0        0   0.00000E+00   0.00000E+00   -619.13
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -604.55
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -648.49
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -556.40
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -654.01
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -540.79
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583        0        0   0.00000E+00   0.00000E+00   -518.62
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -565.95
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -623.53
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -670.22
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -560.63
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588        0        0   0.00000E+00   0.00000E+00   -567.64
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590        0        0   0.00000E+00   0.00000E+00   -2250.9
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -5224.2
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3590.9
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2077.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -5102.7
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -4217.4
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -4979.7
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -4340.3
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -4155.9
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599        0        0   0.00000E+00   0.00000E+00   -307.39
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -1082.3
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -1401.2
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607        0        0   0.00000E+00   0.00000E+00   -1523.6
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -2773.1
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -6217.8
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -6456.3
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5598.0
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5828.7
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -6225.6
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5427.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -99097.
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -93038.
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7459.7
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -3183.8
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1178.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1178.9
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -9.6635
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1716.3
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -4626.5
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3208.7
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650        0        0   0.00000E+00   0.00000E+00   -11.417
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651        0        0   0.00000E+00   0.00000E+00   -28.037
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652        0        0   0.00000E+00   0.00000E+00   -23.172
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -27.361
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -23.848
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -22.835
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -1.6889
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4982.7
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4904.2
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5688.9
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6185.8
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7746.9
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666        0        0   0.00000E+00   0.00000E+00   -6263.9
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5559.9
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5085.1
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0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
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674       0       0   0.00000E+00   0.00000E+00   -6623.3
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706       0       0   0.00000E+00   0.00000E+00   -17.630
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718       0       0   0.00000E+00   0.00000E+00   -10381.
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719       0       0   0.00000E+00   0.00000E+00   -9427.6
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720       0       0   0.00000E+00   0.00000E+00   -11152.
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721       0       0   0.00000E+00   0.00000E+00   -12232.
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722       0       0   0.00000E+00   0.00000E+00   -15206.
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724       0       0   0.00000E+00   0.00000E+00   -11144.
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726       0       0   0.00000E+00   0.00000E+00   -10031.
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730       0       0   0.00000E+00   0.00000E+00  -0.21887E+06
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731       0       0   0.00000E+00   0.00000E+00   -12805.
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733       0       0   0.00000E+00   0.00000E+00   -10570.
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734       0       0   0.00000E+00   0.00000E+00   -9346.4
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735       0       0   0.00000E+00   0.00000E+00   -1877.1
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -7537.4
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774       0       0   0.00000E+00   0.00000E+00   -20110.
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775       0       0   0.00000E+00   0.00000E+00   -21486.
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842 0 0 0.00000E+00 0.00000E+00 -8290.8
0.00000E+00 0.00000E+00 0.00000E+00
843 0 0 0.00000E+00 0.00000E+00 -78950.
0.00000E+00 0.00000E+00 0.00000E+00
844 0 0 0.00000E+00 0.00000E+00 -0.15268E+06
0.00000E+00 0.00000E+00 0.00000E+00
845 0 0 0.00000E+00 0.00000E+00 -11270.
0.00000E+00 0.00000E+00 0.00000E+00
846 0 0 0.00000E+00 0.00000E+00 -8428.7
0.00000E+00 0.00000E+00 0.00000E+00
847 0 0 0.00000E+00 0.00000E+00 -9918.6
0.00000E+00 0.00000E+00 0.00000E+00
848 0 0 0.00000E+00 0.00000E+00 -8249.4
0.00000E+00 0.00000E+00 0.00000E+00
849 0 0 0.00000E+00 0.00000E+00 -2524.5

0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 206
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 615

CDM_TRsx - My (My) @ 34 (+X) - Negative - Characteristic

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1198.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2880.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2442.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2791.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2359.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2081.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2304.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2324.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -194.24 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -268.81 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -722.20 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -761.84 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -666.45 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -811.39 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7981.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15856. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -882.00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -624.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -184.28 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1908.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2013.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2090.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1933.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2170.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1853.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2302.0 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -1850.3
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2195.0
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1839.4
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2132.8
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1971.1
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1966.1
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2004.6
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1773.0
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1735.7
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1889.3
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1965.6
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2258.6
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1773.0
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1900.0
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2024.6
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -2043.3
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2748.0
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1785.2
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2444.3
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5458.8
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -5107.3
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -5021.2
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4466.3
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -649.34
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -705.34
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -711.49
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -59.462
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1701.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4570.2
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4821.1
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4217.5
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5134.7
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -30909.
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -59633.
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -5581.5
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -3950.9
0.00000E+00   0.00000E+00   0.00000E+00
```

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567        0        0   0.00000E+00   0.00000E+00   -56.411
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -584.29
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -616.31
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -639.99
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -591.92
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -664.38
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -567.52
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -704.68
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -566.42
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -671.95
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -563.09
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -652.90
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -603.40
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -601.87
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -613.66
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -542.77
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -531.33
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -578.34
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -601.72
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -691.42
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -542.77
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -581.65
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -619.76
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -2252.9
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -5228.1
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3589.0
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4827.3
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -4598.0
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -4394.2
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -3948.4
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -12.737
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -132.79
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -1160.1
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -1558.5
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -1900.9
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -1649.3
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2930.3
 0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5851.7
 0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6159.4
 0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5399.9
 0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6572.0
 0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -58391.
 0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00  -0.12924E+06
 0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -10984.
 0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5314.1
 0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1160.1
 0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1160.1
 0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -20.966
 0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1716.3
 0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -4626.5
 0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3208.7
 0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.037
 0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -26.523
 0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -25.264
 0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -24.144
 0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -21.695
 0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00  -0.69983E-01
 0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -539.11
 0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -4710.1
 0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6327.5
 0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7717.8
 0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6696.3
 0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -4974.9
 0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5161.0
 0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5389.3
 0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -4761.8
 0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5788.3
 0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -45367.
 0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00  -0.11728E+06
 0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -14173.
 0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5498.0
 0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4710.1
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
677        0        0   0.00000E+00   0.00000E+00   -4710.1
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -85.123
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -9.4302
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -25.420
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.630
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -5405.4
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9849.1
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -12484.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15200.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12881.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -10215.
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -9620.2
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10964.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9488.7
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10478.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -95905.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00  -0.24818E+06
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -29240.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -10419.
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -9326.7
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -1910.7
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -15573.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -20421.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -25122.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -30558.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -25563.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -21009.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -18805.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22478.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -19246.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -20127.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -83367.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00  -0.19076E+06
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -36859.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -19539.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -22184.
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -18805. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5729.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6868.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9007.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11081. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13478. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11275. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9266.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8294.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9914.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8488.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8877.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -63097. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.15785E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -21523. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8618.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9784.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8294.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2527.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 191
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 616

CDM_TRsx - My (My) @ 40 (-X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11750E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.10269E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8213.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9689.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8397.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7013.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2099.5 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
531       0       0   0.00000E+00   0.00000E+00   -8526.5
0.00000E+00   0.00000E+00   0.00000E+00
532       0       0   0.00000E+00   0.00000E+00   -8869.3
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -9469.1
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -8569.3
0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -6341.3
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00  -0.13510E+06
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00  -0.12539E+06
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -18621.
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -21969.
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -19040.
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -15901.
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -4759.9
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -19331.
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -20108.
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -21468.
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -19431.
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -14388.
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -94700.
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -82057.
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -6019.0
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -7101.0
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -6154.2
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -5139.8
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -1538.6
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -6248.4
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -6499.6
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -6939.2
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -6435.5
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -5321.6
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -116.29
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -69.776
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -17.444
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -75.590
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -31417.
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -62086.
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -18825.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -44462. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -88954. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -26600. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -39355. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -77847. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23579. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 49
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 617

CDM_TRsx - My (My) @ 40 (+X) - Negative - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11750E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.10269E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8213.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9689.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8397.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7013.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3181.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 531 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9455.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 532 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8365.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 533 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9722.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 534 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8520.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 535 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6318.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 536 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.13510E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 537 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.12539E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 538 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -18621. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 539 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -21969. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 540 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19040. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 541 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15901. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 587 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7212.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 588 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -21436. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

| | | | | | |
|---|---|---|---|---|---|
| 589 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -18965. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 590 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -22042. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 591 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19321. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 592 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14336. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 593 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -94700. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 594 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -82057. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 595 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6019.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 596 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7101.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 597 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6154.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 598 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5139.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 644 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2331.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 645 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6928.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 646 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6130.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 647 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7124.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 648 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6399.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 649 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5304.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 650 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -116.29 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 651 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -69.776 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 705 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -17.444 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 706 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -75.590 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 733 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30934. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 734 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -61657. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 735 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19051. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -42967. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -87625. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -27297. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -38696. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -77261. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23887. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 49
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 618

CDM_TRsx - My (My) @ 46 (-X) - Negative - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1250.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2751.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2311.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1772.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2146.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1777.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2402.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2868.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2438.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1910.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1772.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2136.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1787.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1880.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2458.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2868.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2412.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1772.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2125.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1798.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1869.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2054.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1951.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -358.58 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -432.59 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2312.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -16402. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6102.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -818.05 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -727.57 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -825.59 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -407.14 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -694.51 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 528 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2229.7 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1887.1
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -2097.2
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1882.2
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2641.6
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -2648.0
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2616.3
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1828.6
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2576.2
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5229.2
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -3184.1
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -542.57
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -657.04
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -544.14
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -735.45
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.15
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -746.42
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -584.91
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -542.57
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -653.91
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -547.27
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -575.50
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -752.70
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -878.15
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -738.58
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -542.57
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -650.77
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -550.41
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -572.36
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -628.82
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -597.45
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -109.77
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2737.5
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -10865.
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -61582.
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -24292.
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5176.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
570        0        0   0.00000E+00   0.00000E+00   -4604.3
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5224.5
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2576.5
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -212.61
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -682.58
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -577.67
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -642.01
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1262.3
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4582.3
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -5613.4
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4917.6
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3647.3
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2313.3
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4626.5
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2611.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -853.59
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1336.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -3923.1
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -23378.
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00  -0.13174E+06
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -44379.
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6410.5
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6113.1
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6474.4
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -4036.1
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -1272.8
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -1454.4
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -1311.4
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -1352.0
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -883.58
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -723.60
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -3979.8
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5065.2
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -4341.6
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3256.2
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.710
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -25.420
```

```
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -14.350
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3465.6
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5426.9
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4788.2
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -26164.
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00  -0.11739E+06
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -34342.
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -4961.2
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -6083.6
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5026.4
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5902.3
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5167.7
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5904.8
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -5324.3
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5489.3
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -3587.3
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -3.9758
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -21.867
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -27.831
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -23.855
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -17.891
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -970.76
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8434.4
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -10135.
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10344.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -54134.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00  -0.24823E+06
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -71445.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -10487.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -11091.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -10566.
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743        0        0   0.00000E+00   0.00000E+00   -10939.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10718.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -11196.
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -10788.
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -10517.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       748        0        0   0.00000E+00   0.00000E+00   -9567.5
0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -2568.6
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -3003.3
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -18700.
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -19776.
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -21816.
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -53258.
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00  -0.19073E+06
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -66220.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -21920.
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -21386.
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -22026.
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -21280.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -22133.
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -22038.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00   -22016.
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -20825.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -21945.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -7946.5
0.00000E+00   0.00000E+00   0.00000E+00
       847        0        0   0.00000E+00   0.00000E+00   -1324.7
0.00000E+00   0.00000E+00   0.00000E+00
       848        0        0   0.00000E+00   0.00000E+00   -8248.0
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -8722.9
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -9622.7
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -36654.
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00  -0.15784E+06
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -47636.
0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -9668.2
0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -9433.0
0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -9715.3
0.00000E+00   0.00000E+00   0.00000E+00
       857        0        0   0.00000E+00   0.00000E+00   -9385.9
0.00000E+00   0.00000E+00   0.00000E+00
       858        0        0   0.00000E+00   0.00000E+00   -9762.3
0.00000E+00   0.00000E+00   0.00000E+00
       859        0        0   0.00000E+00   0.00000E+00   -9720.5
0.00000E+00   0.00000E+00   0.00000E+00
       860        0        0   0.00000E+00   0.00000E+00   -9710.8
0.00000E+00   0.00000E+00   0.00000E+00
       861        0        0   0.00000E+00   0.00000E+00   -9185.6
0.00000E+00   0.00000E+00   0.00000E+00
       862        0        0   0.00000E+00   0.00000E+00   -9679.6
0.00000E+00   0.00000E+00   0.00000E+00
       863        0        0   0.00000E+00   0.00000E+00   -3505.0
0.00000E+00   0.00000E+00   0.00000E+00
```

NUMBER OF LOADED NODES OR ELEMENTS = 179
LARGEST NODE OR ELEMENT NUMBER = 863

L O A D C A S E 619

CDM_TRsx - My (My) @ 46 (+X) - Negative - Characteristic

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1241.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2754.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2443.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1808.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2107.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1765.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2421.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2867.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2516.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1793.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1895.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2020.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1765.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2052.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2343.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2867.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2334.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1981.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1934.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1765.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2138.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1777.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -623.88 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -203.44 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -881.59 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6553.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15852. | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2255.6
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -821.36
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -743.93
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -785.78
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -675.92
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -74.289
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -30.402
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1844.4
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1879.8
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -2071.1
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -2368.3
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2755.9
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -2571.8
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2656.0
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1817.9
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2541.4
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5165.6
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -4144.3
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -553.73
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -645.02
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -540.52
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -741.11
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -877.65
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -770.34
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -548.93
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -580.16
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -618.60
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -540.52
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -628.20
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -717.49
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -877.65
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -714.69
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -606.58
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -592.17
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -540.52
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -654.63
0.00000E+00   0.00000E+00   0.00000E+00
```

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557        0        0   0.00000E+00   0.00000E+00   -544.12
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -190.98
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1287.4
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5578.9
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -26398.
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -59343.
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -10017.
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5197.8
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -4707.8
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -4972.6
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -4277.4
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -470.12
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -9.3066
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -564.60
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -575.46
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -634.01
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4505.6
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4876.3
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -5450.1
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -5022.2
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3631.4
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2279.3
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4558.7
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -3581.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -860.29
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1322.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2460.3
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7264.0
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -58429.
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00  -0.12688E+06
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -12817.
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6633.5
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6004.1
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6422.0
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -5557.7
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -1948.2
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -1296.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
633       0       0   0.00000E+00   0.00000E+00   -1394.2
0.00000E+00   0.00000E+00   0.00000E+00
634       0       0   0.00000E+00   0.00000E+00   -1225.7
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -1474.5
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -1206.3
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -282.57
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -3987.2
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -4253.0
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -4917.5
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -4439.1
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -3242.9
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -12.524
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -25.048
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -19.680
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -3492.8
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -5367.7
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -4749.8
0.00000E+00   0.00000E+00   0.00000E+00
680       0       0   0.00000E+00   0.00000E+00   -6790.2
0.00000E+00   0.00000E+00   0.00000E+00
681       0       0   0.00000E+00   0.00000E+00   -58632.
0.00000E+00   0.00000E+00   0.00000E+00
682       0       0   0.00000E+00   0.00000E+00  -0.11233E+06
0.00000E+00   0.00000E+00   0.00000E+00
683       0       0   0.00000E+00   0.00000E+00   -5330.9
0.00000E+00   0.00000E+00   0.00000E+00
684       0       0   0.00000E+00   0.00000E+00   -5781.5
0.00000E+00   0.00000E+00   0.00000E+00
685       0       0   0.00000E+00   0.00000E+00   -5219.7
0.00000E+00   0.00000E+00   0.00000E+00
686       0       0   0.00000E+00   0.00000E+00   -5838.6
0.00000E+00   0.00000E+00   0.00000E+00
687       0       0   0.00000E+00   0.00000E+00   -5159.0
0.00000E+00   0.00000E+00   0.00000E+00
688       0       0   0.00000E+00   0.00000E+00   -5996.6
0.00000E+00   0.00000E+00   0.00000E+00
689       0       0   0.00000E+00   0.00000E+00   -5262.0
0.00000E+00   0.00000E+00   0.00000E+00
690       0       0   0.00000E+00   0.00000E+00   -5660.6
0.00000E+00   0.00000E+00   0.00000E+00
691       0       0   0.00000E+00   0.00000E+00   -4976.5
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -5986.4
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -4897.6
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -1147.2
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -21.908
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -23.368
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -27.019
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -24.390
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -17.818
0.00000E+00   0.00000E+00   0.00000E+00
```

```
733        0        0   0.00000E+00   0.00000E+00   -951.81
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8520.4
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9863.6
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10635.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12527.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00  -0.18526E+06
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00  -0.17552E+06
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11307.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10427.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -10984.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10750.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10661.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -11298.
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -10750.
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -10850.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -9924.3
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11719.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -9695.6
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -7106.2
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -50.095
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -2944.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18908.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -19063.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -22782.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24332.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00  -0.19079E+06
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -93724.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23776.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19984.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -22901.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20859.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -22026.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -22164.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -22029.
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -21491.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -20085.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23484.
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 807 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19546. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 808 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19537. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 809 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -154.98 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1298.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8339.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8408.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 850 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10049. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 851 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10732. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.15786E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -72930. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10487. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8814.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10101. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9200.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9715.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9775.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9716.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9479.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8859.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10358. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8621.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8617.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -68.359 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 196
LARGEST NODE OR ELEMENT NUMBER = 866

L O A D C A S E 620

CDM_TRsx - My (My) @ 52 - Negative - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
|---|---|---|---|---|---|---|
| FORCE MX | FORCE MY | FORCE MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1242.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2782.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2260.8 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
482        0        0   0.00000E+00   0.00000E+00   -1866.7
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -2037.1
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -1755.9
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -2463.3
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -2915.1
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -2429.2
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -1755.9
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -2088.3
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -1815.5
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -1900.8
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -2003.0
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -2326.9
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -2863.9
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -2386.6
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -1986.0
0.00000E+00   0.00000E+00   0.00000E+00
497      498        1   0.00000E+00   0.00000E+00   -1755.9
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -25.571
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -303.48
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -920.32
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1092.2
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -978.42
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -711.37
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2757.6
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -13342.
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -8141.9
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -751.62
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -815.61
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -767.22
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -758.45
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -776.67
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -746.98
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -812.00
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -687.37
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -818.34
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -672.76
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -643.98
0.00000E+00   0.00000E+00   0.00000E+00
```

```
527        0        0   0.00000E+00   0.00000E+00   -702.92
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -778.58
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -831.22
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -699.90
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1234.8
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -2612.4
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -2655.1
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2628.6
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1824.8
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2573.7
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5238.7
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -3168.5
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -571.43
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -623.61
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -537.51
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -754.07
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -892.36
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -743.64
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -537.51
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -639.27
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -555.77
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -581.86
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -613.17
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -712.33
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -876.71
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -730.59
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -607.96
0.00000E+00   0.00000E+00   0.00000E+00
554      555        1   0.00000E+00   0.00000E+00   -537.51
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -7.8278
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1920.5
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5824.0
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6911.8
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6191.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -4501.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -12130.
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -49666.
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -31304.
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -4756.4
 0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -5161.4
 0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -4855.2
 0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4799.6
 0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4915.0
 0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -4727.1
 0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5138.5
 0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4349.9
 0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -5178.6
 0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4257.4
 0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4075.2
 0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4448.2
 0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4927.1
 0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5260.2
 0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4429.2
 0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4622.6
 0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -5539.6
 0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4864.2
 0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -5405.9
 0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3510.5
 0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2313.3
 0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4626.5
 0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2611.7
 0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -848.31
 0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1347.3
 0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -3108.5
 0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7469.6
 0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8844.1
 0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7916.0
 0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -5770.4
 0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -28899.
 0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00  -0.10717E+06
 0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -58615.
 0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6151.3
 0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6531.6
 0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -6292.1
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
633        0        0   0.00000E+00   0.00000E+00   -6026.7
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -6415.7
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -5965.3
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6613.0
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -5616.1
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6444.9
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5636.8
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5149.0
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5588.0
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6512.2
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6502.7
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5825.8
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5707.4
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6196.5
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5686.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6033.6
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3529.0
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.710
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -25.420
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -14.350
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3444.1
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5470.1
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4805.4
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6627.8
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7781.8
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6943.6
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5109.6
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -33329.
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -95576.
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -44255.
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5619.5
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5515.8
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -5789.5
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -4937.9
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -6047.9
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -4983.7
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5939.4
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5100.8
 0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5093.5
 0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5561.1
 0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4322.0
 0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4586.7
 0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6390.2
 0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -4996.4
 0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5629.6
 0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5022.0
 0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -4889.8
 0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5763.7
 0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -4821.5
 0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1705.4
 0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -948.51
 0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8497.5
 0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9894.7
 0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10722.
 0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12396.
 0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15228.
 0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12925.
 0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11054.
 0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -69315.
 0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00  -0.20277E+06
 0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -92958.
 0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10756.
 0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -11201.
 0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -10803.
 0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -10620.
 0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -10430.
 0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11169.
 0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10488.
 0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -10668.
 0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10046.
 0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9941.3
 0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9058.7
 0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9776.3
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
       756        0        0   0.00000E+00   0.00000E+00   -11133.
0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -11033.
0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -9987.9
0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -10165.
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -10081.
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -9429.0
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -1509.3
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -2934.5
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -22942.
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -24276.
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -25244.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -23350.
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -60851.
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00  -0.15428E+06
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -78010.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -21342.
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -22946.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00   -21126.
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -22376.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -19420.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -23978.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -19835.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -22173.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -20274.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -18852.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20512.
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -20867.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -23535.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -18941.
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -20808.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -21075.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -18941.
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -18941.
 0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -1067.1
 0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -1294.3
 0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -8354.3
 0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -8354.3
 0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -10119.
 0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -10708.
 0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -13492.
 0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -11134.
 0.00000E+00   0.00000E+00   0.00000E+00
854       0       0   0.00000E+00   0.00000E+00   -10299.
 0.00000E+00   0.00000E+00   0.00000E+00
855       0       0   0.00000E+00   0.00000E+00   -45423.
 0.00000E+00   0.00000E+00   0.00000E+00
856       0       0   0.00000E+00   0.00000E+00  -0.12875E+06
 0.00000E+00   0.00000E+00   0.00000E+00
857       0       0   0.00000E+00   0.00000E+00   -60425.
 0.00000E+00   0.00000E+00   0.00000E+00
858       0       0   0.00000E+00   0.00000E+00   -9413.3
 0.00000E+00   0.00000E+00   0.00000E+00
859       0       0   0.00000E+00   0.00000E+00   -10121.
 0.00000E+00   0.00000E+00   0.00000E+00
860       0       0   0.00000E+00   0.00000E+00   -9318.2
 0.00000E+00   0.00000E+00   0.00000E+00
861       0       0   0.00000E+00   0.00000E+00   -9869.7
 0.00000E+00   0.00000E+00   0.00000E+00
862       0       0   0.00000E+00   0.00000E+00   -8565.9
 0.00000E+00   0.00000E+00   0.00000E+00
863       0       0   0.00000E+00   0.00000E+00   -10576.
 0.00000E+00   0.00000E+00   0.00000E+00
864       0       0   0.00000E+00   0.00000E+00   -8748.8
 0.00000E+00   0.00000E+00   0.00000E+00
865       0       0   0.00000E+00   0.00000E+00   -9780.1
 0.00000E+00   0.00000E+00   0.00000E+00
866       0       0   0.00000E+00   0.00000E+00   -8942.6
 0.00000E+00   0.00000E+00   0.00000E+00
867       0       0   0.00000E+00   0.00000E+00   -8354.3
 0.00000E+00   0.00000E+00   0.00000E+00
868       0       0   0.00000E+00   0.00000E+00   -8315.1
 0.00000E+00   0.00000E+00   0.00000E+00
869       0       0   0.00000E+00   0.00000E+00   -9047.2
 0.00000E+00   0.00000E+00   0.00000E+00
870       0       0   0.00000E+00   0.00000E+00   -9204.1
 0.00000E+00   0.00000E+00   0.00000E+00
871       0       0   0.00000E+00   0.00000E+00   -10381.
 0.00000E+00   0.00000E+00   0.00000E+00
872       0       0   0.00000E+00   0.00000E+00   -8354.3
 0.00000E+00   0.00000E+00   0.00000E+00
873       0       0   0.00000E+00   0.00000E+00   -9177.9
 0.00000E+00   0.00000E+00   0.00000E+00
874       0       0   0.00000E+00   0.00000E+00   -9295.6
 0.00000E+00   0.00000E+00   0.00000E+00
875       0       0   0.00000E+00   0.00000E+00   -8354.3
 0.00000E+00   0.00000E+00   0.00000E+00
876       0       0   0.00000E+00   0.00000E+00   -8354.3
 0.00000E+00   0.00000E+00   0.00000E+00
877       0       0   0.00000E+00   0.00000E+00   -470.66
 0.00000E+00   0.00000E+00   0.00000E+00

     NUMBER OF LOADED NODES OR ELEMENTS          =           257
     LARGEST NODE OR ELEMENT NUMBER              =           877
```

L O A D C A S E 621

CDM_TRsx - My (My) @ 58 (-X) - Negative - Characteristic

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1230.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2779.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1979.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1936.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1950.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1797.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2508.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2858.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2352.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1921.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1965.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1783.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2104.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1743.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2424.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -758.48 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -619.85 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -886.45 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -911.93 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -810.78 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -754.33 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -776.28 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -788.83 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -741.78 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6310.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13560. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4398.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -694.16 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

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521        0        0   0.00000E+00   0.00000E+00   -839.01
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -726.10
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -773.93
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -741.49
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -668.17
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -726.49
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -746.48
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -851.46
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -731.49
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -764.81
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -736.32
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2266.8
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1802.5
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2537.9
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5096.3
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1609.2
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -592.75
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -597.21
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -550.33
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -768.00
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -875.17
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -720.00
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -588.28
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -601.68
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -545.86
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -644.10
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -533.58
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -742.33
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -232.19
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -3922.6
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5609.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6917.2
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -5770.9
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5130.8
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4773.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -4912.5
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -4991.9
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -4694.2
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -24856.
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -50449.
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -17968.
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -4392.8
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -5309.5
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -4594.9
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -4897.6
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -4692.3
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -4228.3
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -4597.4
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -4723.9
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -5388.2
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -4629.0
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -4839.9
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -4299.4
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -5339.9
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -3481.8
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -2279.3
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594       0       0   0.00000E+00   0.00000E+00   -4477.3
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -1058.3
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -1353.4
0.00000E+00   0.00000E+00   0.00000E+00
622       0       0   0.00000E+00   0.00000E+00   -5120.7
0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -7251.2
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -8850.0
0.00000E+00   0.00000E+00   0.00000E+00
625       0       0   0.00000E+00   0.00000E+00   -7472.2
0.00000E+00   0.00000E+00   0.00000E+00
626       0       0   0.00000E+00   0.00000E+00   -6439.0
0.00000E+00   0.00000E+00   0.00000E+00
627       0       0   0.00000E+00   0.00000E+00   -6163.1
0.00000E+00   0.00000E+00   0.00000E+00
628       0       0   0.00000E+00   0.00000E+00   -6294.7
0.00000E+00   0.00000E+00   0.00000E+00
629       0       0   0.00000E+00   0.00000E+00   -6307.4
0.00000E+00   0.00000E+00   0.00000E+00
630       0       0   0.00000E+00   0.00000E+00   -6150.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
631        0        0   0.00000E+00   0.00000E+00   -56889.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00  -0.10967E+06
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -28198.
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5826.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6630.1
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5972.0
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6259.4
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5893.3
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5675.1
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5314.7
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5782.7
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6219.3
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6724.9
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5528.7
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6028.5
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6041.4
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5578.9
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6232.3
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3682.1
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.524
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -24.600
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5.8146
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3431.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5495.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4828.7
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6613.0
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7783.8
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6854.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5264.0
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5597.7
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5566.5
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5295.2
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5869.1
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -57370.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -98985.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -16371.
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5780.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5312.9
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5548.8
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5484.0
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4832.9
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5620.5
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4371.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4770.1
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6027.8
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5377.5
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5026.0
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5639.4
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -4833.7
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5229.8
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5437.0
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -2420.5
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -957.58
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8458.7
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -10021.
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10587.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12436.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15223.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12815.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11317.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10138.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11540.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10027.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -11540.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.12127E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20947E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -34019.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -10986.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -10664.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10693.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -10827.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -9407.6
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -11076.
0.00000E+00   0.00000E+00   0.00000E+00
```

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754        0        0   0.00000E+00   0.00000E+00   -8508.5
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9193.5
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -12059.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -10220.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -10347.
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10478.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -9407.6
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -10987.
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -9837.4
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -3808.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -2962.5
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18848.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -19278.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -22498.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24430.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30570.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25089.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23841.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19477.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -23882.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -19780.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -23235.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -97065.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.15956E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -36566.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -21705.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -21720.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -21296.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -21851.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -18848.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -22326.
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -17045.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -18319.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -24501.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -20208.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -21339.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20437.
```

0.00000E+00 0.00000E+00 0.00000E+00
817 0 0 0.00000E+00 0.00000E+00 -18848.
0.00000E+00 0.00000E+00 0.00000E+00
818 0 0 0.00000E+00 0.00000E+00 -22884.
0.00000E+00 0.00000E+00 0.00000E+00
819 0 0 0.00000E+00 0.00000E+00 -18891.
0.00000E+00 0.00000E+00 0.00000E+00
820 0 0 0.00000E+00 0.00000E+00 -6654.9
0.00000E+00 0.00000E+00 0.00000E+00
847 0 0 0.00000E+00 0.00000E+00 -1306.7
0.00000E+00 0.00000E+00 0.00000E+00
848 0 0 0.00000E+00 0.00000E+00 -8313.6
0.00000E+00 0.00000E+00 0.00000E+00
849 0 0 0.00000E+00 0.00000E+00 -8503.0
0.00000E+00 0.00000E+00 0.00000E+00
850 0 0 0.00000E+00 0.00000E+00 -9923.3
0.00000E+00 0.00000E+00 0.00000E+00
851 0 0 0.00000E+00 0.00000E+00 -10775.
0.00000E+00 0.00000E+00 0.00000E+00
852 0 0 0.00000E+00 0.00000E+00 -13484.
0.00000E+00 0.00000E+00 0.00000E+00
853 0 0 0.00000E+00 0.00000E+00 -11066.
0.00000E+00 0.00000E+00 0.00000E+00
854 0 0 0.00000E+00 0.00000E+00 -10516.
0.00000E+00 0.00000E+00 0.00000E+00
855 0 0 0.00000E+00 0.00000E+00 -8591.0
0.00000E+00 0.00000E+00 0.00000E+00
856 0 0 0.00000E+00 0.00000E+00 -10534.
0.00000E+00 0.00000E+00 0.00000E+00
857 0 0 0.00000E+00 0.00000E+00 -8724.7
0.00000E+00 0.00000E+00 0.00000E+00
858 0 0 0.00000E+00 0.00000E+00 -10249.
0.00000E+00 0.00000E+00 0.00000E+00
859 0 0 0.00000E+00 0.00000E+00 -77914.
0.00000E+00 0.00000E+00 0.00000E+00
860 0 0 0.00000E+00 0.00000E+00 -0.13292E+06
0.00000E+00 0.00000E+00 0.00000E+00
861 0 0 0.00000E+00 0.00000E+00 -23787.
0.00000E+00 0.00000E+00 0.00000E+00
862 0 0 0.00000E+00 0.00000E+00 -9573.7
0.00000E+00 0.00000E+00 0.00000E+00
863 0 0 0.00000E+00 0.00000E+00 -9580.2
0.00000E+00 0.00000E+00 0.00000E+00
864 0 0 0.00000E+00 0.00000E+00 -9393.1
0.00000E+00 0.00000E+00 0.00000E+00
865 0 0 0.00000E+00 0.00000E+00 -9638.1
0.00000E+00 0.00000E+00 0.00000E+00
866 0 0 0.00000E+00 0.00000E+00 -8313.6
0.00000E+00 0.00000E+00 0.00000E+00
867 0 0 0.00000E+00 0.00000E+00 -9847.6
0.00000E+00 0.00000E+00 0.00000E+00
868 0 0 0.00000E+00 0.00000E+00 -7518.2
0.00000E+00 0.00000E+00 0.00000E+00
869 0 0 0.00000E+00 0.00000E+00 -8080.0
0.00000E+00 0.00000E+00 0.00000E+00
870 0 0 0.00000E+00 0.00000E+00 -10807.
0.00000E+00 0.00000E+00 0.00000E+00
871 0 0 0.00000E+00 0.00000E+00 -8913.3
0.00000E+00 0.00000E+00 0.00000E+00
872 0 0 0.00000E+00 0.00000E+00 -9412.0
0.00000E+00 0.00000E+00 0.00000E+00
873 0 0 0.00000E+00 0.00000E+00 -9014.3
0.00000E+00 0.00000E+00 0.00000E+00
874 0 0 0.00000E+00 0.00000E+00 -8313.6
0.00000E+00 0.00000E+00 0.00000E+00
875 0 0 0.00000E+00 0.00000E+00 -10094.
0.00000E+00 0.00000E+00 0.00000E+00
876 0 0 0.00000E+00 0.00000E+00 -8332.5
0.00000E+00 0.00000E+00 0.00000E+00
877 0 0 0.00000E+00 0.00000E+00 -2935.3
0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 247

LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 622

CDM_TRsx - My (My) @ 58 (+X) - Negative - Characteristic

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1246.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2759.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2162.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1798.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2119.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1767.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2416.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2867.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2496.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1823.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1860.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2057.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1767.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2008.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2373.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2867.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2354.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1921.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1458.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -303.48 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -920.32 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1092.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -978.42 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -711.37 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -827.48 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -731.50 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -807.35 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

```
516        0        0   0.00000E+00   0.00000E+00   -751.62
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -815.61
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -7727.4
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -13088.
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -3361.9
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -746.98
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -812.00
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -687.37
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -818.34
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -672.76
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -643.98
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -702.92
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -778.58
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -831.22
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -699.90
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -704.84
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -787.08
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -672.76
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1287.4
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1163.1
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2568.7
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5218.7
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -2334.4
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -550.51
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -648.88
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -541.05
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -739.69
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -877.79
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -764.28
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -558.07
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -569.43
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -629.96
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -541.05
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -614.83
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -726.44
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -877.79
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -720.77
```

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0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -588.34
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -446.46
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1920.5
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5824.0
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6911.8
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6191.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -4501.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5236.5
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -4629.1
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5109.1
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -4756.4
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -5161.4
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -29713.
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -48834.
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -14148.
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -4727.1
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5138.5
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4349.9
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -5178.6
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4257.4
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4075.2
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4448.2
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4927.1
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5260.2
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4429.2
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4460.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4980.9
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4257.4
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4995.3
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3308.0
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2306.5
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4613.0
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1763.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1353.4
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -3111.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
623        0        0   0.00000E+00   0.00000E+00   -7466.3
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8844.6
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7894.5
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -5807.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6627.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6010.2
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6425.1
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6212.9
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6471.0
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -69159.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00  -0.10498E+06
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -20161.
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6045.6
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6517.6
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -5709.7
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6381.4
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5651.4
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5161.0
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5633.0
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6423.2
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6596.4
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5677.3
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5859.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6182.9
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5555.1
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6185.1
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3705.2
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.673
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -25.346
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -9.6911
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3431.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5495.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4817.6
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6614.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7783.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6856.5
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5260.5
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5600.3
 0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5565.0
 0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5295.8
 0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5869.4
 0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5269.5
 0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -69996.
 0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -93121.
 0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -10121.
 0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5309.7
 0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5551.8
 0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5481.0
 0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4835.6
 0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5620.4
 0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4370.9
 0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4769.3
 0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6028.9
 0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5376.8
 0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5026.8
 0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5638.5
 0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -4834.5
 0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5229.7
 0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5436.7
 0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -2420.6
 0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -952.88
 0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8474.5
 0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9964.1
 0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10662.
 0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12410.
 0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15227.
 0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12788.
 0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11341.
 0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10252.
 0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11281.
 0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10311.
 0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -11221.
 0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -10697.
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
746        0        0   0.00000E+00   0.00000E+00  -0.14752E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00  -0.19782E+06
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -19635.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11131.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10192.
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751        0        0   0.00000E+00   0.00000E+00   -11318.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -9423.4
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -10460.
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -8918.6
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9503.7
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -11446.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -10782.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9582.5
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -11261.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -9423.4
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -10142.
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10701.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -4711.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -2948.0
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -19102.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -22731.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24350.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30581.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25007.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23914.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19828.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -23081.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20662.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -22247.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -21910.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11595E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00  -0.15020E+06
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -26624.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23162.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19747.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -23372.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -20420.
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -18314.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -19279.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -22605.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -21946.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18973.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -22860.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -20269.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21564.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -9448.6
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -1300.3
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -8335.1
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -8425.6
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -10026.
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -10740.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13489.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11030.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10548.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8745.8
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10180.
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -9113.4
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9812.7
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -9664.1
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -94221.
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00  -0.12560E+06
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -14615.
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -10216.
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -8710.0
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -10309.
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -8335.1
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -9006.7
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -8077.9
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -8503.4
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -9970.4
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9679.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8368.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10083. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8335.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8940.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9511.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4167.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 253
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 623

CDM_TRsx - My (My) @ 60.5 - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1226.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2792.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1955.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1979.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1896.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1871.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2456.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2854.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2303.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2062.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1813.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1954.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1921.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -701.29 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -619.85 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -886.45 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -911.93 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -810.78 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
513        0        0   0.00000E+00   0.00000E+00   -754.33
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -776.28
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -788.83
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -741.78
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -841.36
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -733.15
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -6785.1
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -13129.
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -4313.3
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -726.10
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -773.93
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -741.49
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -668.17
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -726.49
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -746.48
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -851.46
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -731.49
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -764.81
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -771.48
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -486.55
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2536.6
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5100.1
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1601.9
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -605.93
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -580.52
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -572.90
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -752.01
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -873.96
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -705.01
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -631.34
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -555.12
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -598.31
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -588.15
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -214.68
```

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0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -3922.6
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5609.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6917.2
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -5770.9
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5130.8
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4773.6
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -4912.5
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -4991.9
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -4694.2
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -5324.4
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -4639.6
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -26491.
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -48803.
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -17718.
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4594.9
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4897.6
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4692.3
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4228.3
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4597.4
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4723.9
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5388.2
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4629.0
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4839.9
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4882.1
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3079.0
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2279.3
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4477.3
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1058.3
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1353.4
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5120.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7251.2
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8850.0
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       625        0        0   0.00000E+00   0.00000E+00   -7472.2
0.00000E+00   0.00000E+00   0.00000E+00
       626        0        0   0.00000E+00   0.00000E+00   -6439.0
0.00000E+00   0.00000E+00   0.00000E+00
       627        0        0   0.00000E+00   0.00000E+00   -6163.1
0.00000E+00   0.00000E+00   0.00000E+00
       628        0        0   0.00000E+00   0.00000E+00   -6294.7
0.00000E+00   0.00000E+00   0.00000E+00
       629        0        0   0.00000E+00   0.00000E+00   -6307.4
0.00000E+00   0.00000E+00   0.00000E+00
       630        0        0   0.00000E+00   0.00000E+00   -6150.4
0.00000E+00   0.00000E+00   0.00000E+00
       631        0        0   0.00000E+00   0.00000E+00   -6634.5
0.00000E+00   0.00000E+00   0.00000E+00
       632        0        0   0.00000E+00   0.00000E+00   -6139.2
0.00000E+00   0.00000E+00   0.00000E+00
       633        0        0   0.00000E+00   0.00000E+00   -54291.
0.00000E+00   0.00000E+00   0.00000E+00
       634        0        0   0.00000E+00   0.00000E+00  -0.10563E+06
0.00000E+00   0.00000E+00   0.00000E+00
       635        0        0   0.00000E+00   0.00000E+00   -34515.
0.00000E+00   0.00000E+00   0.00000E+00
       636        0        0   0.00000E+00   0.00000E+00   -5972.0
0.00000E+00   0.00000E+00   0.00000E+00
       637        0        0   0.00000E+00   0.00000E+00   -6259.4
0.00000E+00   0.00000E+00   0.00000E+00
       638        0        0   0.00000E+00   0.00000E+00   -5893.3
0.00000E+00   0.00000E+00   0.00000E+00
       639        0        0   0.00000E+00   0.00000E+00   -5675.1
0.00000E+00   0.00000E+00   0.00000E+00
       640        0        0   0.00000E+00   0.00000E+00   -5314.7
0.00000E+00   0.00000E+00   0.00000E+00
       641        0        0   0.00000E+00   0.00000E+00   -5782.7
0.00000E+00   0.00000E+00   0.00000E+00
       642        0        0   0.00000E+00   0.00000E+00   -6219.3
0.00000E+00   0.00000E+00   0.00000E+00
       643        0        0   0.00000E+00   0.00000E+00   -6724.9
0.00000E+00   0.00000E+00   0.00000E+00
       644        0        0   0.00000E+00   0.00000E+00   -5528.7
0.00000E+00   0.00000E+00   0.00000E+00
       645        0        0   0.00000E+00   0.00000E+00   -6028.5
0.00000E+00   0.00000E+00   0.00000E+00
       646        0        0   0.00000E+00   0.00000E+00   -6041.4
0.00000E+00   0.00000E+00   0.00000E+00
       647        0        0   0.00000E+00   0.00000E+00   -5578.9
0.00000E+00   0.00000E+00   0.00000E+00
       648        0        0   0.00000E+00   0.00000E+00   -6232.3
0.00000E+00   0.00000E+00   0.00000E+00
       649        0        0   0.00000E+00   0.00000E+00   -3682.1
0.00000E+00   0.00000E+00   0.00000E+00
       650        0        0   0.00000E+00   0.00000E+00   -12.524
0.00000E+00   0.00000E+00   0.00000E+00
       651        0        0   0.00000E+00   0.00000E+00   -24.600
0.00000E+00   0.00000E+00   0.00000E+00
       652        0        0   0.00000E+00   0.00000E+00   -5.8146
0.00000E+00   0.00000E+00   0.00000E+00
       677        0        0   0.00000E+00   0.00000E+00   -3431.2
0.00000E+00   0.00000E+00   0.00000E+00
       678        0        0   0.00000E+00   0.00000E+00   -5495.0
0.00000E+00   0.00000E+00   0.00000E+00
       679        0        0   0.00000E+00   0.00000E+00   -4828.7
0.00000E+00   0.00000E+00   0.00000E+00
       680        0        0   0.00000E+00   0.00000E+00   -6613.0
0.00000E+00   0.00000E+00   0.00000E+00
       681        0        0   0.00000E+00   0.00000E+00   -7783.8
0.00000E+00   0.00000E+00   0.00000E+00
       682        0        0   0.00000E+00   0.00000E+00   -6854.2
0.00000E+00   0.00000E+00   0.00000E+00
       683        0        0   0.00000E+00   0.00000E+00   -5264.0
0.00000E+00   0.00000E+00   0.00000E+00
       684        0        0   0.00000E+00   0.00000E+00   -5597.7
0.00000E+00   0.00000E+00   0.00000E+00
       685        0        0   0.00000E+00   0.00000E+00   -5566.5
```

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      0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5295.2
      0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5869.1
      0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5270.4
      0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -6045.8
      0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -47599.
      0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -94737.
      0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -30167.
      0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5548.8
      0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5484.0
      0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4832.9
      0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5620.5
      0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4371.7
      0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4770.1
      0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6027.8
      0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5377.5
      0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5026.0
      0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5639.4
      0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -4833.7
      0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5229.8
      0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5437.0
      0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -2420.5
      0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -952.88
      0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8474.5
      0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9964.1
      0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10662.
      0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12410.
      0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15227.
      0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12788.
      0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11341.
      0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10252.
      0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11281.
      0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10311.
      0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -11221.
      0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -10697.
      0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -11367.
      0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00  -0.10100E+06
      0.00000E+00   0.00000E+00   0.00000E+00
```

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748        0        0   0.00000E+00   0.00000E+00  -0.19975E+06
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -63991.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10192.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -11318.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -9423.4
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -10460.
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -8918.6
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9503.7
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -11446.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -10782.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9582.5
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -11261.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -9423.4
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -10142.
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10701.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -4711.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -2948.0
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -19102.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -22731.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24350.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30581.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25007.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23914.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19828.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -23081.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20662.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -22247.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -21910.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -22322.
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -83622.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00  -0.15048E+06
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -59511.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19747.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -23372.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -20420.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -18314.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -19279.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -22605.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -21946.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18973.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -22860.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -20269.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21564.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -9448.6
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -1300.3
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -8335.1
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -8425.6
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -10026.
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -10740.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13489.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11030.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10548.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8745.8
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10180.
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -9113.4
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9812.7
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -9664.1
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -9845.7
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -65603.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00  -0.12623E+06
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -42974.
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -8710.0
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -10309.
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -8335.1
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -9006.7
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -8077.9
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -8503.4
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -9970.4
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -9679.8
0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -8368.5
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10083. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8335.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8940.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9511.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4167.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 243
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 624

CDM_TRsx - My (My) @ 64 - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1220.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2807.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1923.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2035.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1823.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1968.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2386.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2848.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2348.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2025.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1722.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -370.53 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70.851 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.32 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -890.87 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -901.41 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -844.78 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -701.55 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -846.36 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -721.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
516        0        0   0.00000E+00   0.00000E+00   -804.54
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -778.43
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -795.28
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -764.69
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -714.04
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1490.5
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -13312.
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -9439.3
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -702.22
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -684.61
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -684.19
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -716.05
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.62
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -835.54
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -744.98
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -753.37
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -775.17
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -484.64
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2534.8
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5104.9
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1592.1
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -623.11
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -558.30
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -602.49
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -730.65
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -872.06
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -718.86
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -620.17
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -527.36
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -113.43
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -448.36
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5637.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6919.1
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -5704.3
```

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0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -5346.0
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -4439.6
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -5356.0
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -4566.9
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -5091.3
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -4926.1
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -5032.7
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -4839.1
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -4518.6
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -7658.8
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -49476.
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -35967.
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -4443.8
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -4332.4
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -4329.7
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -4531.4
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -4775.4
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -5287.5
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -4714.4
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -4767.5
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -4905.4
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -3066.9
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -2279.3
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -4477.3
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -1058.3
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -1803.4
0.00000E+00   0.00000E+00   0.00000E+00
622       0       0   0.00000E+00   0.00000E+00   -5492.1
0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -7279.3
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -8851.9
0.00000E+00   0.00000E+00   0.00000E+00
625       0       0   0.00000E+00   0.00000E+00   -7405.3
0.00000E+00   0.00000E+00   0.00000E+00
626       0       0   0.00000E+00   0.00000E+00   -6654.9
0.00000E+00   0.00000E+00   0.00000E+00
627       0       0   0.00000E+00   0.00000E+00   -5827.9
0.00000E+00   0.00000E+00   0.00000E+00
628       0       0   0.00000E+00   0.00000E+00   -6739.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       629        0        0   0.00000E+00   0.00000E+00   -5880.9
0.00000E+00   0.00000E+00   0.00000E+00
       630        0        0   0.00000E+00   0.00000E+00   -6548.9
0.00000E+00   0.00000E+00   0.00000E+00
       631        0        0   0.00000E+00   0.00000E+00   -6234.8
0.00000E+00   0.00000E+00   0.00000E+00
       632        0        0   0.00000E+00   0.00000E+00   -6533.7
0.00000E+00   0.00000E+00   0.00000E+00
       633        0        0   0.00000E+00   0.00000E+00   -6061.5
0.00000E+00   0.00000E+00   0.00000E+00
       634        0        0   0.00000E+00   0.00000E+00   -5952.9
0.00000E+00   0.00000E+00   0.00000E+00
       635        0        0   0.00000E+00   0.00000E+00   -11846.
0.00000E+00   0.00000E+00   0.00000E+00
       636        0        0   0.00000E+00   0.00000E+00  -0.10703E+06
0.00000E+00   0.00000E+00   0.00000E+00
       637        0        0   0.00000E+00   0.00000E+00   -75735.
0.00000E+00   0.00000E+00   0.00000E+00
       638        0        0   0.00000E+00   0.00000E+00   -5643.9
0.00000E+00   0.00000E+00   0.00000E+00
       639        0        0   0.00000E+00   0.00000E+00   -5726.6
0.00000E+00   0.00000E+00   0.00000E+00
       640        0        0   0.00000E+00   0.00000E+00   -5416.4
0.00000E+00   0.00000E+00   0.00000E+00
       641        0        0   0.00000E+00   0.00000E+00   -5716.4
0.00000E+00   0.00000E+00   0.00000E+00
       642        0        0   0.00000E+00   0.00000E+00   -6271.0
0.00000E+00   0.00000E+00   0.00000E+00
       643        0        0   0.00000E+00   0.00000E+00   -6623.8
0.00000E+00   0.00000E+00   0.00000E+00
       644        0        0   0.00000E+00   0.00000E+00   -5540.2
0.00000E+00   0.00000E+00   0.00000E+00
       645        0        0   0.00000E+00   0.00000E+00   -6114.2
0.00000E+00   0.00000E+00   0.00000E+00
       646        0        0   0.00000E+00   0.00000E+00   -5968.7
0.00000E+00   0.00000E+00   0.00000E+00
       647        0        0   0.00000E+00   0.00000E+00   -5590.4
0.00000E+00   0.00000E+00   0.00000E+00
       648        0        0   0.00000E+00   0.00000E+00   -6255.7
0.00000E+00   0.00000E+00   0.00000E+00
       649        0        0   0.00000E+00   0.00000E+00   -3670.0
0.00000E+00   0.00000E+00   0.00000E+00
       650        0        0   0.00000E+00   0.00000E+00   -12.524
0.00000E+00   0.00000E+00   0.00000E+00
       651        0        0   0.00000E+00   0.00000E+00   -24.600
0.00000E+00   0.00000E+00   0.00000E+00
       652        0        0   0.00000E+00   0.00000E+00   -5.8146
0.00000E+00   0.00000E+00   0.00000E+00
       677        0        0   0.00000E+00   0.00000E+00   -3431.2
0.00000E+00   0.00000E+00   0.00000E+00
       678        0        0   0.00000E+00   0.00000E+00   -5497.4
0.00000E+00   0.00000E+00   0.00000E+00
       679        0        0   0.00000E+00   0.00000E+00   -4830.7
0.00000E+00   0.00000E+00   0.00000E+00
       680        0        0   0.00000E+00   0.00000E+00   -6613.2
0.00000E+00   0.00000E+00   0.00000E+00
       681        0        0   0.00000E+00   0.00000E+00   -7783.8
0.00000E+00   0.00000E+00   0.00000E+00
       682        0        0   0.00000E+00   0.00000E+00   -6853.8
0.00000E+00   0.00000E+00   0.00000E+00
       683        0        0   0.00000E+00   0.00000E+00   -5265.2
0.00000E+00   0.00000E+00   0.00000E+00
       684        0        0   0.00000E+00   0.00000E+00   -5595.9
0.00000E+00   0.00000E+00   0.00000E+00
       685        0        0   0.00000E+00   0.00000E+00   -5569.0
0.00000E+00   0.00000E+00   0.00000E+00
       686        0        0   0.00000E+00   0.00000E+00   -5292.8
0.00000E+00   0.00000E+00   0.00000E+00
       687        0        0   0.00000E+00   0.00000E+00   -5871.3
0.00000E+00   0.00000E+00   0.00000E+00
       688        0        0   0.00000E+00   0.00000E+00   -5268.2
0.00000E+00   0.00000E+00   0.00000E+00
       689        0        0   0.00000E+00   0.00000E+00   -6048.0
```

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0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -4918.7
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5781.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -9915.8
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -95759.
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -67160.
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4831.5
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5620.8
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4372.3
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4769.7
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6028.1
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5376.9
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5026.1
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5639.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -4833.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5229.9
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5437.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -2420.4
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -952.88
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8474.5
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9964.1
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736        0        0   0.00000E+00   0.00000E+00   -10662.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12410.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15227.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12788.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11341.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10252.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11281.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10311.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -11221.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -10697.
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -11367.
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -10228.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -10558.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -20920.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00  -0.20206E+06
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00  -0.14249E+06
0.00000E+00   0.00000E+00   0.00000E+00
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       752        0        0   0.00000E+00   0.00000E+00   -9423.4
   0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -10460.
   0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -8918.6
   0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -9503.7
   0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -11446.
   0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -10782.
   0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -9582.5
   0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -11261.
   0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -9423.4
   0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -10142.
   0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10701.
   0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -4711.7
   0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -2948.0
   0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -18897.
   0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -19102.
   0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -22731.
   0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -24350.
   0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -30581.
   0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -25007.
   0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -23914.
   0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -19828.
   0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -23081.
   0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -20662.
   0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -22247.
   0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -21910.
   0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00   -22322.
   0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -21204.
   0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -20382.
   0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -29893.
   0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00  -0.15168E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00  -0.11357E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -18897.
   0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -20420.
   0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -18314.
   0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -19279.
   0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -22605.
   0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -21946.
```

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      0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18973.
      0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -22860.
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817        0        0   0.00000E+00   0.00000E+00   -18897.
      0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -20269.
      0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21564.
      0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -9448.6
      0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -1300.3
      0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -8335.1
      0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -8425.6
      0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -10026.
      0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -10740.
      0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13489.
      0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11030.
      0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10548.
      0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8745.8
      0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10180.
      0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -9113.4
      0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9812.7
      0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -9664.1
      0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -9845.7
      0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -9352.6
      0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -8989.9
      0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -16282.
      0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00  -0.12761E+06
      0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -91596.
      0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -8335.1
      0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -9006.7
      0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -8077.9
      0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -8503.4
      0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -9970.4
      0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -9679.8
      0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -8368.5
      0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -10083.
      0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -8335.1
      0.00000E+00   0.00000E+00   0.00000E+00
875        0        0   0.00000E+00   0.00000E+00   -8940.0
      0.00000E+00   0.00000E+00   0.00000E+00
876        0        0   0.00000E+00   0.00000E+00   -9511.6
      0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4167.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 241
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 625

CDM_TRsx - My (My) @ 70 (-X) - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE |
| NODE | NODE | RNCE | FX | FY | FZ | MX | MY | MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1225.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2742.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1845.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2039.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1818.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1975.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2381.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2848.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2232.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.91 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70.851 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.32 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -890.87 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -901.41 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -844.78 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -701.55 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -846.36 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -721.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -804.54 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -778.43 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -795.28 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -764.69 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.04 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -847.15 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
522        0        0   0.00000E+00   0.00000E+00   -701.55
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -817.95
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -702.22
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -8887.7
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -12169.
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -2903.6
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.62
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -835.54
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -744.98
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -753.37
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -775.17
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -484.64
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2570.7
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4681.6
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1113.7
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -624.44
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -556.55
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -604.79
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -728.97
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -871.90
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -683.40
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -88.441
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -448.36
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5637.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6919.1
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -5704.3
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5346.0
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4439.6
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5356.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -4566.9
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -5091.3
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -4926.1
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5032.7
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4839.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -4518.6
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -5361.0
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -4439.6
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -5176.2
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -4443.8
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -33629.
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -45345.
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -12344.
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -4775.4
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -5287.5
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -4714.4
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -4767.5
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -4905.4
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -3066.9
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -2315.5
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -4052.2
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -578.88
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -1803.4
0.00000E+00   0.00000E+00   0.00000E+00
622       0       0   0.00000E+00   0.00000E+00   -5492.1
0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -7279.3
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -8851.9
0.00000E+00   0.00000E+00   0.00000E+00
625       0       0   0.00000E+00   0.00000E+00   -7405.3
0.00000E+00   0.00000E+00   0.00000E+00
626       0       0   0.00000E+00   0.00000E+00   -6654.9
0.00000E+00   0.00000E+00   0.00000E+00
627       0       0   0.00000E+00   0.00000E+00   -5827.9
0.00000E+00   0.00000E+00   0.00000E+00
628       0       0   0.00000E+00   0.00000E+00   -6739.8
0.00000E+00   0.00000E+00   0.00000E+00
629       0       0   0.00000E+00   0.00000E+00   -5880.9
0.00000E+00   0.00000E+00   0.00000E+00
630       0       0   0.00000E+00   0.00000E+00   -6548.9
0.00000E+00   0.00000E+00   0.00000E+00
631       0       0   0.00000E+00   0.00000E+00   -6234.8
0.00000E+00   0.00000E+00   0.00000E+00
632       0       0   0.00000E+00   0.00000E+00   -6533.7
0.00000E+00   0.00000E+00   0.00000E+00
633       0       0   0.00000E+00   0.00000E+00   -6061.5
0.00000E+00   0.00000E+00   0.00000E+00
634       0       0   0.00000E+00   0.00000E+00   -5952.9
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -6681.8
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -5816.1
0.00000E+00   0.00000E+00   0.00000E+00
```

```
637        0        0   0.00000E+00   0.00000E+00   -6539.0
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5643.9
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -64410.
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -95207.
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -32816.
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6271.0
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6623.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5540.2
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6114.2
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -5968.7
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5590.4
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6255.7
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3670.0
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.723
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -22.265
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -3.1807
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3431.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5497.4
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4830.7
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6613.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7783.8
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6853.8
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5265.2
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5595.9
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5569.0
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5292.8
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5871.3
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5268.2
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -6048.0
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -4918.7
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5781.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5313.2
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5547.9
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5485.5
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4831.5
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -49705.
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -81662.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -39884.
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6028.1
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5376.9
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5026.1
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5639.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -4833.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5229.9
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5437.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -2420.4
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -948.05
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8490.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9913.3
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10724.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12391.
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738        0        0   0.00000E+00   0.00000E+00   -15230.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12873.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11139.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10478.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11018.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10599.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10897.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -11067.
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -10940.
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -10647.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -10250.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11351.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10267.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -10874.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -9923.4
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -88132.
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00  -0.16825E+06
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00  -0.10537E+06
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10881.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11350.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9573.6
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10522.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       760        0        0   0.00000E+00   0.00000E+00   -10204.
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -9714.2
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10719.
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -6053.7
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -2933.0
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -22921.
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -24290.
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -25269.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -23290.
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -20530.
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -22268.
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -21552.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -21246.
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -23055.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00   -20999.
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -22500.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -19429.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -23842.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -19978.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -22000.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -20444.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -61857.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00  -0.12464E+06
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00  -0.10053E+06
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -20857.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -23703.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -20575.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -21313.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -21617.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -13601.
0.00000E+00   0.00000E+00   0.00000E+00
       847        0        0   0.00000E+00   0.00000E+00   -1293.7
0.00000E+00   0.00000E+00   0.00000E+00
       848        0        0   0.00000E+00   0.00000E+00   -8356.3
```

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0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -8356.3
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -10110.
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -10714.
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -13493.
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -11145.
0.00000E+00   0.00000E+00   0.00000E+00
854       0       0   0.00000E+00   0.00000E+00   -10273.
0.00000E+00   0.00000E+00   0.00000E+00
855       0       0   0.00000E+00   0.00000E+00   -9055.3
0.00000E+00   0.00000E+00   0.00000E+00
856       0       0   0.00000E+00   0.00000E+00   -9821.9
0.00000E+00   0.00000E+00   0.00000E+00
857       0       0   0.00000E+00   0.00000E+00   -9506.2
0.00000E+00   0.00000E+00   0.00000E+00
858       0       0   0.00000E+00   0.00000E+00   -9370.9
0.00000E+00   0.00000E+00   0.00000E+00
859       0       0   0.00000E+00   0.00000E+00   -10169.
0.00000E+00   0.00000E+00   0.00000E+00
860       0       0   0.00000E+00   0.00000E+00   -9262.3
0.00000E+00   0.00000E+00   0.00000E+00
861       0       0   0.00000E+00   0.00000E+00   -9924.4
0.00000E+00   0.00000E+00   0.00000E+00
862       0       0   0.00000E+00   0.00000E+00   -8569.9
0.00000E+00   0.00000E+00   0.00000E+00
863       0       0   0.00000E+00   0.00000E+00   -10516.
0.00000E+00   0.00000E+00   0.00000E+00
864       0       0   0.00000E+00   0.00000E+00   -8811.7
0.00000E+00   0.00000E+00   0.00000E+00
865       0       0   0.00000E+00   0.00000E+00   -9703.5
0.00000E+00   0.00000E+00   0.00000E+00
866       0       0   0.00000E+00   0.00000E+00   -9017.5
0.00000E+00   0.00000E+00   0.00000E+00
867       0       0   0.00000E+00   0.00000E+00   -47028.
0.00000E+00   0.00000E+00   0.00000E+00
868       0       0   0.00000E+00   0.00000E+00  -0.10368E+06
0.00000E+00   0.00000E+00   0.00000E+00
869       0       0   0.00000E+00   0.00000E+00   -81195.
0.00000E+00   0.00000E+00   0.00000E+00
870       0       0   0.00000E+00   0.00000E+00   -9199.6
0.00000E+00   0.00000E+00   0.00000E+00
871       0       0   0.00000E+00   0.00000E+00   -10455.
0.00000E+00   0.00000E+00   0.00000E+00
872       0       0   0.00000E+00   0.00000E+00   -8356.3
0.00000E+00   0.00000E+00   0.00000E+00
873       0       0   0.00000E+00   0.00000E+00   -9075.0
0.00000E+00   0.00000E+00   0.00000E+00
874       0       0   0.00000E+00   0.00000E+00   -9400.8
0.00000E+00   0.00000E+00   0.00000E+00
875       0       0   0.00000E+00   0.00000E+00   -8356.3
0.00000E+00   0.00000E+00   0.00000E+00
876       0       0   0.00000E+00   0.00000E+00   -9535.0
0.00000E+00   0.00000E+00   0.00000E+00
877       0       0   0.00000E+00   0.00000E+00   -5998.9
0.00000E+00   0.00000E+00   0.00000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =          237
    LARGEST NODE OR ELEMENT NUMBER              =          877




    L O A D   C A S E       626
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CDM_TRsx - My (My) @ 70 (+X) - Negative - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFRNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1225.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2742.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1845.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2039.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1818.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1975.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2381.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2848.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2232.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.91 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -70.851 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.32 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -890.87 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -901.41 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -844.78 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -701.55 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -846.36 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -721.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -804.54 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -778.43 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -795.28 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -764.69 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.04 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -847.15 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -701.55 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -817.95 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 524 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -702.22 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 525 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4786.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 526 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10801. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 528 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -754.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 529 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -835.54 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

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530        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -744.98
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -753.37
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -678.32
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -775.17
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -484.64
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2570.7
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -4681.6
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1113.7
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -624.44
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -556.55
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -604.79
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -728.97
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -871.90
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -683.40
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -88.441
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -448.36
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5637.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6919.1
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -5704.3
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5346.0
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4439.6
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5356.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -4566.9
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -5091.3
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -4926.1
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5032.7
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4839.1
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4518.6
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5361.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4439.6
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5176.2
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4443.8
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -18981.
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -40463.
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -31875.
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0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4775.4
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5287.5
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4714.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4767.5
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4292.6
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -4905.4
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -3066.9
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2315.5
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4052.2
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -578.88
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1803.4
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5492.1
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7279.3
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8851.9
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7405.3
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6654.9
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -5827.9
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6739.8
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -5880.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6548.9
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6234.8
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -6533.7
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6061.5
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5952.9
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6681.8
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5816.1
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6539.0
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5643.9
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -24333.
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -70397.
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -79889.
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -24083.
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6623.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5540.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
645        0        0   0.00000E+00   0.00000E+00   -6114.2
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -5968.7
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5590.4
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6255.7
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -3670.0
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.723
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -22.265
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -3.1807
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3431.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5497.4
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4830.7
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6613.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7783.8
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6853.8
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5265.2
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5595.9
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5569.0
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5292.8
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5871.3
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5268.2
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -6048.0
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -4918.7
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5781.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5313.2
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5547.9
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5485.5
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4831.5
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5763.9
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -43657.
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -85495.
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -42364.
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5376.9
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5026.1
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5639.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -4833.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5229.9
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5437.1
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
      706       0       0   0.00000E+00   0.00000E+00   -2420.4
      0.00000E+00   0.00000E+00   0.00000E+00
      733       0       0   0.00000E+00   0.00000E+00   -948.05
      0.00000E+00   0.00000E+00   0.00000E+00
      734       0       0   0.00000E+00   0.00000E+00   -8490.0
      0.00000E+00   0.00000E+00   0.00000E+00
      735       0       0   0.00000E+00   0.00000E+00   -9913.3
      0.00000E+00   0.00000E+00   0.00000E+00
      736       0       0   0.00000E+00   0.00000E+00   -10724.
      0.00000E+00   0.00000E+00   0.00000E+00
      737       0       0   0.00000E+00   0.00000E+00   -12391.
      0.00000E+00   0.00000E+00   0.00000E+00
      738       0       0   0.00000E+00   0.00000E+00   -15230.
      0.00000E+00   0.00000E+00   0.00000E+00
      739       0       0   0.00000E+00   0.00000E+00   -12873.
      0.00000E+00   0.00000E+00   0.00000E+00
      740       0       0   0.00000E+00   0.00000E+00   -11139.
      0.00000E+00   0.00000E+00   0.00000E+00
      741       0       0   0.00000E+00   0.00000E+00   -10478.
      0.00000E+00   0.00000E+00   0.00000E+00
      742       0       0   0.00000E+00   0.00000E+00   -11018.
      0.00000E+00   0.00000E+00   0.00000E+00
      743       0       0   0.00000E+00   0.00000E+00   -10599.
      0.00000E+00   0.00000E+00   0.00000E+00
      744       0       0   0.00000E+00   0.00000E+00   -10897.
      0.00000E+00   0.00000E+00   0.00000E+00
      745       0       0   0.00000E+00   0.00000E+00   -11067.
      0.00000E+00   0.00000E+00   0.00000E+00
      746       0       0   0.00000E+00   0.00000E+00   -10940.
      0.00000E+00   0.00000E+00   0.00000E+00
      747       0       0   0.00000E+00   0.00000E+00   -10647.
      0.00000E+00   0.00000E+00   0.00000E+00
      748       0       0   0.00000E+00   0.00000E+00   -10250.
      0.00000E+00   0.00000E+00   0.00000E+00
      749       0       0   0.00000E+00   0.00000E+00   -11351.
      0.00000E+00   0.00000E+00   0.00000E+00
      750       0       0   0.00000E+00   0.00000E+00   -10267.
      0.00000E+00   0.00000E+00   0.00000E+00
      751       0       0   0.00000E+00   0.00000E+00   -10874.
      0.00000E+00   0.00000E+00   0.00000E+00
      752       0       0   0.00000E+00   0.00000E+00   -9923.4
      0.00000E+00   0.00000E+00   0.00000E+00
      753       0       0   0.00000E+00   0.00000E+00   -9983.6
      0.00000E+00   0.00000E+00   0.00000E+00
      754       0       0   0.00000E+00   0.00000E+00   -92280.
      0.00000E+00   0.00000E+00   0.00000E+00
      755       0       0   0.00000E+00   0.00000E+00  -0.18183E+06
      0.00000E+00   0.00000E+00   0.00000E+00
      756       0       0   0.00000E+00   0.00000E+00   -88540.
      0.00000E+00   0.00000E+00   0.00000E+00
      757       0       0   0.00000E+00   0.00000E+00   -11350.
      0.00000E+00   0.00000E+00   0.00000E+00
      758       0       0   0.00000E+00   0.00000E+00   -9573.6
      0.00000E+00   0.00000E+00   0.00000E+00
      759       0       0   0.00000E+00   0.00000E+00   -10522.
      0.00000E+00   0.00000E+00   0.00000E+00
      760       0       0   0.00000E+00   0.00000E+00   -10204.
      0.00000E+00   0.00000E+00   0.00000E+00
      761       0       0   0.00000E+00   0.00000E+00   -9714.2
      0.00000E+00   0.00000E+00   0.00000E+00
      762       0       0   0.00000E+00   0.00000E+00   -10719.
      0.00000E+00   0.00000E+00   0.00000E+00
      763       0       0   0.00000E+00   0.00000E+00   -6053.7
      0.00000E+00   0.00000E+00   0.00000E+00
      790       0       0   0.00000E+00   0.00000E+00   -2933.0
      0.00000E+00   0.00000E+00   0.00000E+00
      791       0       0   0.00000E+00   0.00000E+00   -18945.
      0.00000E+00   0.00000E+00   0.00000E+00
      792       0       0   0.00000E+00   0.00000E+00   -18945.
      0.00000E+00   0.00000E+00   0.00000E+00
      793       0       0   0.00000E+00   0.00000E+00   -22921.
      0.00000E+00   0.00000E+00   0.00000E+00
```

```
794        0        0   0.00000E+00   0.00000E+00   -24290.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30590.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25269.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23290.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -20530.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -22268.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -21552.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -21246.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -23055.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -20999.
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -22500.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -19429.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23842.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19978.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22000.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -20444.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -76009.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00  -0.13867E+06
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -74259.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23703.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20575.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21313.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21617.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13601.
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -1293.7
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -8356.3
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -8356.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -10110.
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -10714.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13493.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11145.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10273.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -9055.3
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -9821.9
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9506.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9370.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10169. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9262.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9924.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8569.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10516. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8811.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9703.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9017.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8356.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -59852. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11557E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -57325. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10455. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8356.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9075.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9400.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8356.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9535.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5998.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 237
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 627

CDM_TRsx - My (My) @ 75.5 - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1231.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2727.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1875.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1987.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 484 | 1 | 0.00000E+00 | 0.00000E+00 | -1885.7 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
485       0       0   0.00000E+00   0.00000E+00   -2446.4
0.00000E+00   0.00000E+00   0.00000E+00
486       0       0   0.00000E+00   0.00000E+00   -2854.1
0.00000E+00   0.00000E+00   0.00000E+00
487       0       0   0.00000E+00   0.00000E+00   -1427.1
0.00000E+00   0.00000E+00   0.00000E+00
507       0       0   0.00000E+00   0.00000E+00   -71.649
0.00000E+00   0.00000E+00   0.00000E+00
508       0       0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
509       0       0   0.00000E+00   0.00000E+00   -891.45
0.00000E+00   0.00000E+00   0.00000E+00
510       0       0   0.00000E+00   0.00000E+00   -1093.1
0.00000E+00   0.00000E+00   0.00000E+00
511       0       0   0.00000E+00   0.00000E+00   -911.93
0.00000E+00   0.00000E+00   0.00000E+00
512       0       0   0.00000E+00   0.00000E+00   -826.46
0.00000E+00   0.00000E+00   0.00000E+00
513       0       0   0.00000E+00   0.00000E+00   -704.14
0.00000E+00   0.00000E+00   0.00000E+00
514       0       0   0.00000E+00   0.00000E+00   -860.97
0.00000E+00   0.00000E+00   0.00000E+00
515       0       0   0.00000E+00   0.00000E+00   -699.44
0.00000E+00   0.00000E+00   0.00000E+00
516       0       0   0.00000E+00   0.00000E+00   -835.87
0.00000E+00   0.00000E+00   0.00000E+00
517       0       0   0.00000E+00   0.00000E+00   -742.04
0.00000E+00   0.00000E+00   0.00000E+00
518       0       0   0.00000E+00   0.00000E+00   -838.18
0.00000E+00   0.00000E+00   0.00000E+00
519       0       0   0.00000E+00   0.00000E+00   -722.25
0.00000E+00   0.00000E+00   0.00000E+00
520       0       0   0.00000E+00   0.00000E+00   -758.75
0.00000E+00   0.00000E+00   0.00000E+00
521       0       0   0.00000E+00   0.00000E+00   -798.24
0.00000E+00   0.00000E+00   0.00000E+00
522       0       0   0.00000E+00   0.00000E+00   -732.37
0.00000E+00   0.00000E+00   0.00000E+00
523       0       0   0.00000E+00   0.00000E+00   -811.86
0.00000E+00   0.00000E+00   0.00000E+00
524       0       0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
525       0       0   0.00000E+00   0.00000E+00   -751.48
0.00000E+00   0.00000E+00   0.00000E+00
526       0       0   0.00000E+00   0.00000E+00   -639.84
0.00000E+00   0.00000E+00   0.00000E+00
527       0       0   0.00000E+00   0.00000E+00   -682.06
0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -822.02
0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -9660.4
0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -12719.
0.00000E+00   0.00000E+00   0.00000E+00
531       0       0   0.00000E+00   0.00000E+00   -1765.2
0.00000E+00   0.00000E+00   0.00000E+00
532       0       0   0.00000E+00   0.00000E+00   -676.50
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -728.16
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -768.15
0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -338.25
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -2572.4
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -4677.2
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -1122.9
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -608.47
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       540        0        0   0.00000E+00   0.00000E+00   -577.27
0.00000E+00   0.00000E+00   0.00000E+00
       541        0        0   0.00000E+00   0.00000E+00   -577.27
0.00000E+00   0.00000E+00   0.00000E+00
       542        0        0   0.00000E+00   0.00000E+00   -748.89
0.00000E+00   0.00000E+00   0.00000E+00
       543        0        0   0.00000E+00   0.00000E+00   -873.71
0.00000E+00   0.00000E+00   0.00000E+00
       544        0        0   0.00000E+00   0.00000E+00   -436.85
0.00000E+00   0.00000E+00   0.00000E+00
       564        0        0   0.00000E+00   0.00000E+00   -453.41
0.00000E+00   0.00000E+00   0.00000E+00
       565        0        0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
       566        0        0   0.00000E+00   0.00000E+00   -5641.3
0.00000E+00   0.00000E+00   0.00000E+00
       567        0        0   0.00000E+00   0.00000E+00   -6917.2
0.00000E+00   0.00000E+00   0.00000E+00
       568        0        0   0.00000E+00   0.00000E+00   -5770.9
0.00000E+00   0.00000E+00   0.00000E+00
       569        0        0   0.00000E+00   0.00000E+00   -5230.1
0.00000E+00   0.00000E+00   0.00000E+00
       570        0        0   0.00000E+00   0.00000E+00   -4456.0
0.00000E+00   0.00000E+00   0.00000E+00
       571        0        0   0.00000E+00   0.00000E+00   -5448.4
0.00000E+00   0.00000E+00   0.00000E+00
       572        0        0   0.00000E+00   0.00000E+00   -4426.2
0.00000E+00   0.00000E+00   0.00000E+00
       573        0        0   0.00000E+00   0.00000E+00   -5289.6
0.00000E+00   0.00000E+00   0.00000E+00
       574        0        0   0.00000E+00   0.00000E+00   -4695.8
0.00000E+00   0.00000E+00   0.00000E+00
       575        0        0   0.00000E+00   0.00000E+00   -5304.2
0.00000E+00   0.00000E+00   0.00000E+00
       576        0        0   0.00000E+00   0.00000E+00   -4570.6
0.00000E+00   0.00000E+00   0.00000E+00
       577        0        0   0.00000E+00   0.00000E+00   -4801.5
0.00000E+00   0.00000E+00   0.00000E+00
       578        0        0   0.00000E+00   0.00000E+00   -5051.4
0.00000E+00   0.00000E+00   0.00000E+00
       579        0        0   0.00000E+00   0.00000E+00   -4634.6
0.00000E+00   0.00000E+00   0.00000E+00
       580        0        0   0.00000E+00   0.00000E+00   -5137.7
0.00000E+00   0.00000E+00   0.00000E+00
       581        0        0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
       582        0        0   0.00000E+00   0.00000E+00   -4755.6
0.00000E+00   0.00000E+00   0.00000E+00
       583        0        0   0.00000E+00   0.00000E+00   -4049.1
0.00000E+00   0.00000E+00   0.00000E+00
       584        0        0   0.00000E+00   0.00000E+00   -4316.2
0.00000E+00   0.00000E+00   0.00000E+00
       585        0        0   0.00000E+00   0.00000E+00   -5202.0
0.00000E+00   0.00000E+00   0.00000E+00
       586        0        0   0.00000E+00   0.00000E+00   -36634.
0.00000E+00   0.00000E+00   0.00000E+00
       587        0        0   0.00000E+00   0.00000E+00   -47324.
0.00000E+00   0.00000E+00   0.00000E+00
       588        0        0   0.00000E+00   0.00000E+00   -8532.1
0.00000E+00   0.00000E+00   0.00000E+00
       589        0        0   0.00000E+00   0.00000E+00   -4281.1
0.00000E+00   0.00000E+00   0.00000E+00
       590        0        0   0.00000E+00   0.00000E+00   -4607.9
0.00000E+00   0.00000E+00   0.00000E+00
       591        0        0   0.00000E+00   0.00000E+00   -4861.0
0.00000E+00   0.00000E+00   0.00000E+00
       592        0        0   0.00000E+00   0.00000E+00   -2140.5
0.00000E+00   0.00000E+00   0.00000E+00
       593        0        0   0.00000E+00   0.00000E+00   -2315.5
0.00000E+00   0.00000E+00   0.00000E+00
       594        0        0   0.00000E+00   0.00000E+00   -4052.2
0.00000E+00   0.00000E+00   0.00000E+00
       595        0        0   0.00000E+00   0.00000E+00   -578.88
```

```
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -845.12
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1808.5
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5480.6
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7282.9
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8850.0
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7472.2
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6538.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -5844.4
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6832.5
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -5739.7
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6748.0
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6003.7
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -6806.2
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -5792.0
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -6236.8
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6371.1
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6011.8
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6500.3
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5480.6
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -6151.3
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5134.8
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5500.5
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6699.0
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -70401.
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00  -0.10217E+06
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -21353.
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -5480.6
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5906.9
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -6211.1
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -2740.3
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -12.723
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -22.265
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -3.1807
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -3431.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5497.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4830.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
680        0        0   0.00000E+00   0.00000E+00   -6613.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7783.8
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6854.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5264.5
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5596.0
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5569.5
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5292.1
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5872.4
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -5266.9
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -6049.5
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -4917.2
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5783.2
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5311.5
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5549.0
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5485.3
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4830.6
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5623.1
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4370.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4768.6
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6030.4
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -54349.
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -91095.
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -27088.
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -4830.6
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -5231.6
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5436.8
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -2415.3
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -948.05
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -8490.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9913.3
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10724.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12391.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15230.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12873.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11139.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10478.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11018.
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10599.
 0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10897.
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745        0        0   0.00000E+00   0.00000E+00   -11067.
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746        0        0   0.00000E+00   0.00000E+00   -10940.
 0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -10647.
 0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -10250.
 0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11351.
 0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10267.
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751        0        0   0.00000E+00   0.00000E+00   -10874.
 0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -9923.4
 0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9983.6
 0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9073.4
 0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9873.5
 0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10881.
 0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00  -0.11536E+06
 0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00  -0.19263E+06
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759        0        0   0.00000E+00   0.00000E+00   -56285.
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760        0        0   0.00000E+00   0.00000E+00   -10204.
 0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9714.2
 0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10719.
 0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6053.7
 0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -2933.0
 0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -18945.
 0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -18945.
 0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -22921.
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794        0        0   0.00000E+00   0.00000E+00   -24290.
 0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30590.
 0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25269.
 0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23290.
 0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -20530.
 0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -22268.
 0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -21552.
 0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -21246.
 0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -23055.
 0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -20999.
 0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -22500.
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
       805        0        0   0.00000E+00   0.00000E+00   -19429.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -23842.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -19978.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -22000.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -20444.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -18793.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20423.
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -20857.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -95223.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00  -0.14482E+06
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -52043.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -21313.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -18945.
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -21617.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -13601.
0.00000E+00   0.00000E+00   0.00000E+00
       847        0        0   0.00000E+00   0.00000E+00   -1293.7
0.00000E+00   0.00000E+00   0.00000E+00
       848        0        0   0.00000E+00   0.00000E+00   -8356.3
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -8356.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -10110.
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -10714.
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -13493.
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -11145.
0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -10273.
0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -9055.3
0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -9821.9
0.00000E+00   0.00000E+00   0.00000E+00
       857        0        0   0.00000E+00   0.00000E+00   -9506.2
0.00000E+00   0.00000E+00   0.00000E+00
       858        0        0   0.00000E+00   0.00000E+00   -9370.9
0.00000E+00   0.00000E+00   0.00000E+00
       859        0        0   0.00000E+00   0.00000E+00   -10169.
0.00000E+00   0.00000E+00   0.00000E+00
       860        0        0   0.00000E+00   0.00000E+00   -9262.3
0.00000E+00   0.00000E+00   0.00000E+00
       861        0        0   0.00000E+00   0.00000E+00   -9924.4
0.00000E+00   0.00000E+00   0.00000E+00
       862        0        0   0.00000E+00   0.00000E+00   -8569.9
0.00000E+00   0.00000E+00   0.00000E+00
       863        0        0   0.00000E+00   0.00000E+00   -10516.
0.00000E+00   0.00000E+00   0.00000E+00
       864        0        0   0.00000E+00   0.00000E+00   -8811.7
0.00000E+00   0.00000E+00   0.00000E+00
       865        0        0   0.00000E+00   0.00000E+00   -9703.5
0.00000E+00   0.00000E+00   0.00000E+00
       866        0        0   0.00000E+00   0.00000E+00   -9017.5
0.00000E+00   0.00000E+00   0.00000E+00
       867        0        0   0.00000E+00   0.00000E+00   -8356.3
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8289.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9007.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9199.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -74908. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.12179E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -37434. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9400.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8356.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9535.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5998.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 235
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 628

CDM_TRsx - My (My) @ 81 - Negative - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1226.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2823.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2046.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2015.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1850.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1932.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1315.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -39.199 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -674.88 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -674.88 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -929.07 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1092.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.24 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -705.54 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -828.77 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -733.69 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -800.63
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -761.83
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -802.91
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -782.96
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -734.76
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -804.29
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -716.19
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -846.27
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -686.50
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -776.31
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -718.12
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -628.40
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -677.30
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -830.87
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -761.36
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -765.80
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -674.88
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -5562.3
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -12749.
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -5733.5
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -138.61
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -2562.5
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -5238.3
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -2298.7
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -616.84
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -566.48
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -591.66
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -402.83
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -248.06
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5879.4
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6915.1
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6215.9
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -4464.8
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5244.7
0.00000E+00   0.00000E+00   0.00000E+00
```

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571        0        0   0.00000E+00   0.00000E+00   -4643.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5066.6
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -4821.1
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -5081.0
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -4954.8
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4649.7
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -5089.8
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -4532.2
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5355.4
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4344.3
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4912.7
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4544.4
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -3976.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4286.1
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -5257.9
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -4818.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4846.2
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -22008.
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -47508.
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -22337.
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -877.17
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -2306.5
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -4613.0
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1763.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1097.3
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5633.6
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5467.2
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7525.2
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8847.4
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7940.2
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -5733.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6680.4
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -5974.8
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6439.1
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -6216.2
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -6451.0
```

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 0.00000E+00   0.00000E+00   0.00000E+00
 632        0        0   0.00000E+00   0.00000E+00   -6392.1
 0.00000E+00   0.00000E+00   0.00000E+00
 633        0        0   0.00000E+00   0.00000E+00   -5876.3
 0.00000E+00   0.00000E+00   0.00000E+00
 634        0        0   0.00000E+00   0.00000E+00   -6591.1
 0.00000E+00   0.00000E+00   0.00000E+00
 635        0        0   0.00000E+00   0.00000E+00   -5769.7
 0.00000E+00   0.00000E+00   0.00000E+00
 636        0        0   0.00000E+00   0.00000E+00   -6830.7
 0.00000E+00   0.00000E+00   0.00000E+00
 637        0        0   0.00000E+00   0.00000E+00   -5610.5
 0.00000E+00   0.00000E+00   0.00000E+00
 638        0        0   0.00000E+00   0.00000E+00   -6178.0
 0.00000E+00   0.00000E+00   0.00000E+00
 639        0        0   0.00000E+00   0.00000E+00   -5924.8
 0.00000E+00   0.00000E+00   0.00000E+00
 640        0        0   0.00000E+00   0.00000E+00   -5050.1
 0.00000E+00   0.00000E+00   0.00000E+00
 641        0        0   0.00000E+00   0.00000E+00   -5425.3
 0.00000E+00   0.00000E+00   0.00000E+00
 642        0        0   0.00000E+00   0.00000E+00   -6844.2
 0.00000E+00   0.00000E+00   0.00000E+00
 643        0        0   0.00000E+00   0.00000E+00   -6059.0
 0.00000E+00   0.00000E+00   0.00000E+00
 644        0        0   0.00000E+00   0.00000E+00   -6244.3
 0.00000E+00   0.00000E+00   0.00000E+00
 645        0        0   0.00000E+00   0.00000E+00   -5517.1
 0.00000E+00   0.00000E+00   0.00000E+00
 646        0        0   0.00000E+00   0.00000E+00   -30227.
 0.00000E+00   0.00000E+00   0.00000E+00
 647        0        0   0.00000E+00   0.00000E+00  -0.10253E+06
 0.00000E+00   0.00000E+00   0.00000E+00
 648        0        0   0.00000E+00   0.00000E+00   -60381.
 0.00000E+00   0.00000E+00   0.00000E+00
 649        0        0   0.00000E+00   0.00000E+00   -1296.2
 0.00000E+00   0.00000E+00   0.00000E+00
 650        0        0   0.00000E+00   0.00000E+00   -12.673
 0.00000E+00   0.00000E+00   0.00000E+00
 651        0        0   0.00000E+00   0.00000E+00   -25.346
 0.00000E+00   0.00000E+00   0.00000E+00
 652        0        0   0.00000E+00   0.00000E+00   -9.6911
 0.00000E+00   0.00000E+00   0.00000E+00
 677        0        0   0.00000E+00   0.00000E+00   -3445.5
 0.00000E+00   0.00000E+00   0.00000E+00
 678        0        0   0.00000E+00   0.00000E+00   -5493.7
 0.00000E+00   0.00000E+00   0.00000E+00
 679        0        0   0.00000E+00   0.00000E+00   -4818.3
 0.00000E+00   0.00000E+00   0.00000E+00
 680        0        0   0.00000E+00   0.00000E+00   -6628.1
 0.00000E+00   0.00000E+00   0.00000E+00
 681        0        0   0.00000E+00   0.00000E+00   -7781.8
 0.00000E+00   0.00000E+00   0.00000E+00
 682        0        0   0.00000E+00   0.00000E+00   -6943.8
 0.00000E+00   0.00000E+00   0.00000E+00
 683        0        0   0.00000E+00   0.00000E+00   -5109.4
 0.00000E+00   0.00000E+00   0.00000E+00
 684        0        0   0.00000E+00   0.00000E+00   -5781.1
 0.00000E+00   0.00000E+00   0.00000E+00
 685        0        0   0.00000E+00   0.00000E+00   -5364.6
 0.00000E+00   0.00000E+00   0.00000E+00
 686        0        0   0.00000E+00   0.00000E+00   -5525.9
 0.00000E+00   0.00000E+00   0.00000E+00
 687        0        0   0.00000E+00   0.00000E+00   -5619.8
 0.00000E+00   0.00000E+00   0.00000E+00
 688        0        0   0.00000E+00   0.00000E+00   -5515.3
 0.00000E+00   0.00000E+00   0.00000E+00
 689        0        0   0.00000E+00   0.00000E+00   -5790.1
 0.00000E+00   0.00000E+00   0.00000E+00
 690        0        0   0.00000E+00   0.00000E+00   -4937.1
 0.00000E+00   0.00000E+00   0.00000E+00
 691        0        0   0.00000E+00   0.00000E+00   -6048.9
 0.00000E+00   0.00000E+00   0.00000E+00
```

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692        0        0   0.00000E+00   0.00000E+00   -4982.7
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5940.6
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5100.8
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5092.0
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5562.7
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4321.5
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4585.8
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6392.0
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -4993.9
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5631.9
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5020.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -9922.8
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -91834.
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -70205.
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1693.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -6756.4
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -10789.
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -9444.6
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12953.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15230.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -13476.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -10192.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -11081.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -10755.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10518.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -11318.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -10476.
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -11661.
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -9633.5
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -11503.
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -10165.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -11129.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -10469.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -9630.9
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -10965.
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -8517.5
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9204.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
756       0       0   0.00000E+00   0.00000E+00   -12052.
0.00000E+00   0.00000E+00   0.00000E+00
757       0       0   0.00000E+00   0.00000E+00   -10254.
0.00000E+00   0.00000E+00   0.00000E+00
758       0       0   0.00000E+00   0.00000E+00   -10253.
0.00000E+00   0.00000E+00   0.00000E+00
759       0       0   0.00000E+00   0.00000E+00   -10615.
0.00000E+00   0.00000E+00   0.00000E+00
760       0       0   0.00000E+00   0.00000E+00   -35350.
0.00000E+00   0.00000E+00   0.00000E+00
761       0       0   0.00000E+00   0.00000E+00  -0.19366E+06
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00  -0.13413E+06
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -4233.3
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -13554.
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -21707.
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -18989.
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -26001.
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -26950.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -20682.
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -22008.
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -21882.
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -20809.
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -23082.
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -20703.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00   -23781.
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -19324.
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -22740.
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -20872.
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -21819.
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -21557.
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -18989.
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -22109.
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -17177.
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -18743.
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -23708.
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -21125.
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -19761.
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -22176.
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -47597.
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00  -0.14644E+06
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 819 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95752. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 820 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9494.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5978.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9574.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 850 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8375.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 851 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11468. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13496. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11887. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9122.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9707.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9651.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9178.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10181. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9131.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10489. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8523.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10030. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9206.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9623.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9508.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8375.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9751.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7576.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8267.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10457. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9317.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8716.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9781.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -34157. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.12251E+06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -76458. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4187.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

| | | |
|---|---|---|
| NUMBER OF LOADED NODES OR ELEMENTS | = | 230 |
| LARGEST NODE OR ELEMENT NUMBER | = | 877 |

L O A D C A S E 629

CDM_TRsx - My (My) @ 0 - Negative - Frequent

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55.160 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5911.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9305.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2060.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.38 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.48 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -369.92 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.35 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -369.43 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.38 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -317.05 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -282.35 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -272.20 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -327.20 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -347.17 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.35 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -357.64 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -374.71 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1004.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -981.87 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1156.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -992.74 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1326.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1601.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1336.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1025.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1089.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1012.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -790.59 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -810.83 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -927.40 |

```
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1145.0
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -436.77
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -408.23
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -808.62
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -730.11
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -828.80
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -997.03
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -738.92
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -349.07
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -21859.
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -34009.
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -8236.1
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1717.4
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1857.2
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2340.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.7
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2337.8
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1717.4
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -2006.4
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1786.8
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1722.5
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -2070.6
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2196.9
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.7
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2263.2
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1895.9
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -2136.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1934.9
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -2206.2
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2061.4
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2567.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3124.1
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2510.8
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2270.6
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1967.8
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1944.4
0.00000E+00   0.00000E+00   0.00000E+00
```

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564        0        0   0.00000E+00   0.00000E+00   -493.37
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -248.21
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -283.90
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -350.52
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -133.71
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -124.97
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -247.54
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -223.50
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -469.84
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1818.1
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1461.2
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -587.09
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -47522.
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -74725.
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -16482.
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2277.3
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2356.0
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2981.4
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.8
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2966.6
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2273.4
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2487.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2309.9
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2258.0
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2551.6
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2857.5
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.8
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -2932.9
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2366.6
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2407.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2289.9
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2426.8
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2353.6
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2933.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.8
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2864.9
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2537.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2264.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -2061.7
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -265.09
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -227.93
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1595.5
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1302.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -963.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -42519.
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -66643.
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -14404.
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2257.8
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2008.1
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2578.9
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2531.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2241.5
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1933.5
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2107.4
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -2158.1
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -1933.9
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2661.6
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2697.9
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -1991.9
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -1957.4
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -2308.8
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -1933.2
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2040.5
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2665.5
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2645.4
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -1933.8
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -2206.7
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1382.3
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1.4565
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1.2524
0.00000E+00   0.00000E+00   0.00000E+00
```

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       705        0        0   0.00000E+00   0.00000E+00   -8.7667
0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -7.1565
0.00000E+00   0.00000E+00   0.00000E+00
       707        0        0   0.00000E+00   0.00000E+00   -1525.1
0.00000E+00   0.00000E+00   0.00000E+00
       708        0        0   0.00000E+00   0.00000E+00   -89748.
0.00000E+00   0.00000E+00   0.00000E+00
       709        0        0   0.00000E+00   0.00000E+00  -0.14166E+06
0.00000E+00   0.00000E+00   0.00000E+00
       710        0        0   0.00000E+00   0.00000E+00   -30328.
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       711        0        0   0.00000E+00   0.00000E+00   -4107.7
0.00000E+00   0.00000E+00   0.00000E+00
       712        0        0   0.00000E+00   0.00000E+00   -4235.1
0.00000E+00   0.00000E+00   0.00000E+00
       713        0        0   0.00000E+00   0.00000E+00   -4944.7
0.00000E+00   0.00000E+00   0.00000E+00
       714        0        0   0.00000E+00   0.00000E+00   -6091.6
0.00000E+00   0.00000E+00   0.00000E+00
       715        0        0   0.00000E+00   0.00000E+00   -4917.8
0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -4379.0
0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -3900.6
0.00000E+00   0.00000E+00   0.00000E+00
       718        0        0   0.00000E+00   0.00000E+00   -3909.6
0.00000E+00   0.00000E+00   0.00000E+00
       719        0        0   0.00000E+00   0.00000E+00   -4433.2
0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -3774.1
0.00000E+00   0.00000E+00   0.00000E+00
       721        0        0   0.00000E+00   0.00000E+00   -5143.6
0.00000E+00   0.00000E+00   0.00000E+00
       722        0        0   0.00000E+00   0.00000E+00   -6091.6
0.00000E+00   0.00000E+00   0.00000E+00
       723        0        0   0.00000E+00   0.00000E+00   -5189.0
0.00000E+00   0.00000E+00   0.00000E+00
       724        0        0   0.00000E+00   0.00000E+00   -4035.6
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       725        0        0   0.00000E+00   0.00000E+00   -3790.9
0.00000E+00   0.00000E+00   0.00000E+00
       726        0        0   0.00000E+00   0.00000E+00   -4472.4
0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -3853.6
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       728        0        0   0.00000E+00   0.00000E+00   -3910.3
0.00000E+00   0.00000E+00   0.00000E+00
       729        0        0   0.00000E+00   0.00000E+00   -5272.5
0.00000E+00   0.00000E+00   0.00000E+00
       730        0        0   0.00000E+00   0.00000E+00   -6091.6
0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -5185.3
0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -3774.1
0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -4307.9
0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -2667.4
0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -66578.
0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00  -0.10348E+06
0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -25912.
0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -7911.2
0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -8839.8
0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -9823.0
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0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -12235.
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772       0       0   0.00000E+00   0.00000E+00   -9841.2
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -8785.1
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -7965.8
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00   -7619.9
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -9131.1
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -10260.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -12235.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -10324.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -8257.1
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -8930.8
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -7820.1
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -7765.5
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -10651.
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787       0       0   0.00000E+00   0.00000E+00   -12235.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -10424.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -8639.5
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -5444.1
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -1176.5
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -56515.
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -89082.
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -19821.
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -3489.4
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -3899.0
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -4332.7
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -5396.8
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -4340.7
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -3874.9
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -3513.5
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -3360.9
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -4027.5
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -3340.9
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -4525.4
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5396.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4553.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3642.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3340.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3939.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3449.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3425.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4698.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5396.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4597.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3340.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3810.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2401.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 226
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 630

CDM_TRsx - My (My) @ 5 - Negative - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFFRNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95.299 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -324.84 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -273.60 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1309.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9338.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6708.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -350.79 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -316.64 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -281.80 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -275.65 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -322.79 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
492        0        0   0.00000E+00   0.00000E+00   -270.53
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -367.87
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -437.21
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -372.31
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -289.99
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -270.53
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -324.84
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -273.60
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -283.85
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -376.41
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -437.21
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -369.92
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -270.53
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -68.656
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -286.15
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -698.91
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -891.41
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -792.56
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -797.33
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -699.78
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -854.56
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -712.79
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1017.4
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -720.80
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -603.07
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -2055.6
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1731.4
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -5458.4
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -34217.
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -24929.
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2766.8
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2219.9
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2003.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1783.3
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1744.4
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2042.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -2328.0
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -2766.8
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -2356.1
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -1835.2
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -2055.6
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -1731.4
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -1796.2
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -2382.0
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -2766.8
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -2341.0
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -434.47
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -87.598
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -213.95
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -272.88
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -242.62
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -244.08
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -214.22
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -261.60
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -273.09
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -1683.7
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -1428.2
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -771.76
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -2191.7
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -2624.8
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -2221.7
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -15884.
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -74984.
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -48499.
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00   -2849.1
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -2535.6
0.00000E+00   0.00000E+00   0.00000E+00
603       0       0   0.00000E+00   0.00000E+00   -2310.9
0.00000E+00   0.00000E+00   0.00000E+00
604       0       0   0.00000E+00   0.00000E+00   -2224.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
605        0        0   0.00000E+00   0.00000E+00   -2595.3
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2218.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2965.6
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -2979.2
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2400.1
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2191.7
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2571.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2275.4
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2276.3
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3040.4
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -3005.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2214.8
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -909.56
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -57.888
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1447.2
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1273.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -679.32
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -1931.9
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2292.1
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1974.9
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -20258.
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -66846.
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -37013.
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2534.2
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2141.1
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -2125.9
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1932.1
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -2224.8
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2042.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2567.2
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2508.2
```

```
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -2277.0
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -1931.9
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -2074.1
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -2192.9
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -1932.4
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -2651.0
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -2675.1
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -1924.9
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00  -0.31807
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -7.9517
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -6.9975
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -1690.6
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -4102.4
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -4211.5
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -3804.3
0.00000E+00   0.00000E+00   0.00000E+00
711       0       0   0.00000E+00   0.00000E+00   -78052.
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00  -0.14137E+06
0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -43543.
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00   -6091.7
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00   -5027.4
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -4211.0
0.00000E+00   0.00000E+00   0.00000E+00
717       0       0   0.00000E+00   0.00000E+00   -3908.3
0.00000E+00   0.00000E+00   0.00000E+00
718       0       0   0.00000E+00   0.00000E+00   -4136.9
0.00000E+00   0.00000E+00   0.00000E+00
719       0       0   0.00000E+00   0.00000E+00   -4130.6
0.00000E+00   0.00000E+00   0.00000E+00
720       0       0   0.00000E+00   0.00000E+00   -3850.7
0.00000E+00   0.00000E+00   0.00000E+00
721       0       0   0.00000E+00   0.00000E+00   -5228.0
0.00000E+00   0.00000E+00   0.00000E+00
722       0       0   0.00000E+00   0.00000E+00   -6103.2
0.00000E+00   0.00000E+00   0.00000E+00
723       0       0   0.00000E+00   0.00000E+00   -5118.3
0.00000E+00   0.00000E+00   0.00000E+00
724       0       0   0.00000E+00   0.00000E+00   -4012.2
0.00000E+00   0.00000E+00   0.00000E+00
725       0       0   0.00000E+00   0.00000E+00   -4033.4
0.00000E+00   0.00000E+00   0.00000E+00
726       0       0   0.00000E+00   0.00000E+00   -4130.2
0.00000E+00   0.00000E+00   0.00000E+00
727       0       0   0.00000E+00   0.00000E+00   -3954.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
728        0        0   0.00000E+00   0.00000E+00   -4171.4
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5038.4
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.7
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5095.5
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3994.7
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4136.9
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3774.7
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -748.76
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3788.1
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8590.0
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8163.1
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -84113.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00  -0.10214E+06
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -12336.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -10173.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8483.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8696.7
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8056.4
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10724.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12271.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -10511.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -8376.5
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8376.5
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8803.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -9959.4
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10084.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -8056.4
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8696.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -2294.2
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -1670.9
 0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -3788.8
 0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -3600.6
 0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -3341.7
 0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -71653.
 0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -88490.
 0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -6428.4
 0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -5396.9
 0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -4487.0
 0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -3741.8
 0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -3341.7
 0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -3835.9
 0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -3553.5
 0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -3341.7
 0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -4730.2
 0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00   -5412.6
 0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -4636.0
 0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -3341.7
 0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -3694.7
 0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00   -3694.7
 0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -3341.7
 0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -3883.0
 0.00000E+00   0.00000E+00   0.00000E+00
843       0       0   0.00000E+00   0.00000E+00   -4392.9
 0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00   -5396.9
 0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -4447.8
 0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -3553.5
 0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -3835.9
 0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -3341.7
 0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -1011.9
 0.00000E+00   0.00000E+00   0.00000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =          225
    LARGEST NODE OR ELEMENT NUMBER              =          849




    L O A D   C A S E       631
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CDM_TRsx - My (My) @ 10 (-X) - Negative - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -135.64 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.83 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.45 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -318.20 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -281.07 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1387.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11922. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4253.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -313.05 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -298.61 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -300.67 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -374.93 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -381.64 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -275.92 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -279.01 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -320.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -291.39 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -371.32 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -369.78 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -68.592 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 525 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -114.26 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 526 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -609.38 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -672.85 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 528 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -939.45 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 529 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -739.50 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -837.89 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

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531        0        0   0.00000E+00   0.00000E+00   -695.07
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -828.37
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -732.75
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1008.6
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -724.20
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -858.34
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1935.3
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1857.0
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -2013.7
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1778.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5956.5
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -43783.
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -16174.
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1981.0
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1889.7
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1902.7
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2372.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2415.1
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1746.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1765.6
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2026.7
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1844.0
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2349.8
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2340.0
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -434.07
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -34.977
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -186.54
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -205.97
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -287.59
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -226.38
```

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0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -256.50
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -212.78
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -253.58
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -279.20
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -1681.0
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -1429.3
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -1027.9
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -2415.9
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -2425.5
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -2207.0
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -2504.5
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -2347.5
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -11141.
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -95716.
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00   -34162.
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -2512.8
0.00000E+00   0.00000E+00   0.00000E+00
603       0       0   0.00000E+00   0.00000E+00   -2244.1
0.00000E+00   0.00000E+00   0.00000E+00
604       0       0   0.00000E+00   0.00000E+00   -2370.0
0.00000E+00   0.00000E+00   0.00000E+00
605       0       0   0.00000E+00   0.00000E+00   -2454.8
0.00000E+00   0.00000E+00   0.00000E+00
606       0       0   0.00000E+00   0.00000E+00   -2223.5
0.00000E+00   0.00000E+00   0.00000E+00
607       0       0   0.00000E+00   0.00000E+00   -3010.4
0.00000E+00   0.00000E+00   0.00000E+00
608       0       0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
609       0       0   0.00000E+00   0.00000E+00   -3038.4
0.00000E+00   0.00000E+00   0.00000E+00
610       0       0   0.00000E+00   0.00000E+00   -2310.7
0.00000E+00   0.00000E+00   0.00000E+00
611       0       0   0.00000E+00   0.00000E+00   -2245.5
0.00000E+00   0.00000E+00   0.00000E+00
612       0       0   0.00000E+00   0.00000E+00   -2542.1
0.00000E+00   0.00000E+00   0.00000E+00
613       0       0   0.00000E+00   0.00000E+00   -2260.7
0.00000E+00   0.00000E+00   0.00000E+00
614       0       0   0.00000E+00   0.00000E+00   -2324.2
0.00000E+00   0.00000E+00   0.00000E+00
615       0       0   0.00000E+00   0.00000E+00   -3008.1
0.00000E+00   0.00000E+00   0.00000E+00
616       0       0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
617       0       0   0.00000E+00   0.00000E+00   -3004.2
0.00000E+00   0.00000E+00   0.00000E+00
618       0       0   0.00000E+00   0.00000E+00   -2219.5
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -909.15
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -57.888
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       648        0        0   0.00000E+00   0.00000E+00   -1447.2
0.00000E+00   0.00000E+00   0.00000E+00
       649        0        0   0.00000E+00   0.00000E+00   -1273.5
0.00000E+00   0.00000E+00   0.00000E+00
       650        0        0   0.00000E+00   0.00000E+00   -680.73
0.00000E+00   0.00000E+00   0.00000E+00
       651        0        0   0.00000E+00   0.00000E+00   -1933.1
0.00000E+00   0.00000E+00   0.00000E+00
       652        0        0   0.00000E+00   0.00000E+00   -2291.0
0.00000E+00   0.00000E+00   0.00000E+00
       653        0        0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
       654        0        0   0.00000E+00   0.00000E+00   -1974.1
0.00000E+00   0.00000E+00   0.00000E+00
       655        0        0   0.00000E+00   0.00000E+00   -2292.9
0.00000E+00   0.00000E+00   0.00000E+00
       656        0        0   0.00000E+00   0.00000E+00   -9819.0
0.00000E+00   0.00000E+00   0.00000E+00
       657        0        0   0.00000E+00   0.00000E+00   -85270.
0.00000E+00   0.00000E+00   0.00000E+00
       658        0        0   0.00000E+00   0.00000E+00   -30409.
0.00000E+00   0.00000E+00   0.00000E+00
       659        0        0   0.00000E+00   0.00000E+00   -2140.9
0.00000E+00   0.00000E+00   0.00000E+00
       660        0        0   0.00000E+00   0.00000E+00   -2125.6
0.00000E+00   0.00000E+00   0.00000E+00
       661        0        0   0.00000E+00   0.00000E+00   -1932.9
0.00000E+00   0.00000E+00   0.00000E+00
       662        0        0   0.00000E+00   0.00000E+00   -2224.0
0.00000E+00   0.00000E+00   0.00000E+00
       663        0        0   0.00000E+00   0.00000E+00   -2042.1
0.00000E+00   0.00000E+00   0.00000E+00
       664        0        0   0.00000E+00   0.00000E+00   -2567.5
0.00000E+00   0.00000E+00   0.00000E+00
       665        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
       666        0        0   0.00000E+00   0.00000E+00   -2508.6
0.00000E+00   0.00000E+00   0.00000E+00
       667        0        0   0.00000E+00   0.00000E+00   -2276.5
0.00000E+00   0.00000E+00   0.00000E+00
       668        0        0   0.00000E+00   0.00000E+00   -1932.2
0.00000E+00   0.00000E+00   0.00000E+00
       669        0        0   0.00000E+00   0.00000E+00   -2073.9
0.00000E+00   0.00000E+00   0.00000E+00
       670        0        0   0.00000E+00   0.00000E+00   -2192.8
0.00000E+00   0.00000E+00   0.00000E+00
       671        0        0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
       672        0        0   0.00000E+00   0.00000E+00   -2650.8
0.00000E+00   0.00000E+00   0.00000E+00
       673        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
       674        0        0   0.00000E+00   0.00000E+00   -2675.1
0.00000E+00   0.00000E+00   0.00000E+00
       675        0        0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
       676        0        0   0.00000E+00   0.00000E+00   -1924.9
0.00000E+00   0.00000E+00   0.00000E+00
       677        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
       678        0        0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
       704        0        0   0.00000E+00   0.00000E+00  -0.31807
0.00000E+00   0.00000E+00   0.00000E+00
       705        0        0   0.00000E+00   0.00000E+00   -7.9517
0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -6.9975
0.00000E+00   0.00000E+00   0.00000E+00
       707        0        0   0.00000E+00   0.00000E+00   -1690.6
0.00000E+00   0.00000E+00   0.00000E+00
       708        0        0   0.00000E+00   0.00000E+00   -4102.4
0.00000E+00   0.00000E+00   0.00000E+00
       709        0        0   0.00000E+00   0.00000E+00   -4211.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3804.3
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4268.3
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -4075.2
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -20599.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00  -0.18082E+06
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -64312.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4211.0
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3908.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4136.9
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4130.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3850.7
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -5228.0
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6103.2
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5118.3
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4012.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4033.4
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4130.2
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3954.6
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4171.4
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5038.4
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.7
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5095.5
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3994.7
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4136.9
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3774.7
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -748.76
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3788.1
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8590.0
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8163.1
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -9016.8
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7736.3
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -20919.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -50939.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8483.3
0.00000E+00   0.00000E+00   0.00000E+00
```

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       774        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -8696.7
0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -8056.4
0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -10724.
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       779        0        0   0.00000E+00   0.00000E+00   -12271.
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       780        0        0   0.00000E+00   0.00000E+00   -10511.
0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -8376.5
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -8376.5
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -8803.4
0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -9959.4
0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -10084.
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -8056.4
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -8696.7
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -2294.2
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -1670.9
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -3788.8
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -3600.6
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -3977.1
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -3412.3
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -14163.
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00  -0.11368E+06
0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -41225.
0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -3741.8
0.00000E+00   0.00000E+00   0.00000E+00
       831        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
       832        0        0   0.00000E+00   0.00000E+00   -3835.9
0.00000E+00   0.00000E+00   0.00000E+00
       833        0        0   0.00000E+00   0.00000E+00   -3553.5
0.00000E+00   0.00000E+00   0.00000E+00
       834        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
       835        0        0   0.00000E+00   0.00000E+00   -4730.2
0.00000E+00   0.00000E+00   0.00000E+00
       836        0        0   0.00000E+00   0.00000E+00   -5412.6
0.00000E+00   0.00000E+00   0.00000E+00
       837        0        0   0.00000E+00   0.00000E+00   -4636.0
0.00000E+00   0.00000E+00   0.00000E+00
       838        0        0   0.00000E+00   0.00000E+00   -3341.7
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3694.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3694.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3883.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4392.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5396.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4447.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3553.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3835.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1011.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 227
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 632

CDM_TRsx - My (My) @ 10 (+X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -135.64 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.83 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.45 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -318.20 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -281.07 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -362.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3513.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10918. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3081.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -298.61 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -300.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -374.93 | |

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0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -437.34
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -381.64
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -275.92
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -279.01
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -320.27
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -271.27
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -291.39
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -371.32
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -437.34
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -369.78
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -271.27
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -68.592
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -114.26
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -609.38
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -672.85
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -939.45
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -739.50
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -837.89
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -695.07
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -828.37
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -732.75
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1008.6
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -724.20
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -858.34
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1935.3
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1857.0
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -2013.7
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1778.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2294.4
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -13754.
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -39978.
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -11869.
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1889.7
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1902.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
549        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2372.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2415.1
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1746.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1765.6
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2026.7
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1844.0
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2349.8
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2340.0
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -434.07
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -34.977
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -186.54
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -205.97
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -287.59
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -226.38
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -256.50
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -212.78
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -253.58
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -279.20
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1681.0
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1429.3
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -1027.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2415.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2425.5
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2207.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2504.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2347.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2911.3
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -50416.
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -75133.
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -15072.
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2244.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2370.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2454.8
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2223.5
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3010.4
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -3038.4
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2310.7
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2245.5
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2542.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2260.7
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2324.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3008.1
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -3004.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2219.5
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -909.15
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -57.888
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1447.2
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1273.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -680.73
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -1933.1
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2291.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -1974.1
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2292.9
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2483.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -70377.
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -52540.
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2237.5
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -2125.6
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1932.9
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -2224.0
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2042.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2567.5
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       666        0        0   0.00000E+00   0.00000E+00   -2508.6
0.00000E+00   0.00000E+00   0.00000E+00
       667        0        0   0.00000E+00   0.00000E+00   -2276.5
0.00000E+00   0.00000E+00   0.00000E+00
       668        0        0   0.00000E+00   0.00000E+00   -1932.2
0.00000E+00   0.00000E+00   0.00000E+00
       669        0        0   0.00000E+00   0.00000E+00   -2073.9
0.00000E+00   0.00000E+00   0.00000E+00
       670        0        0   0.00000E+00   0.00000E+00   -2192.8
0.00000E+00   0.00000E+00   0.00000E+00
       671        0        0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
       672        0        0   0.00000E+00   0.00000E+00   -2650.8
0.00000E+00   0.00000E+00   0.00000E+00
       673        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
       674        0        0   0.00000E+00   0.00000E+00   -2675.1
0.00000E+00   0.00000E+00   0.00000E+00
       675        0        0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
       676        0        0   0.00000E+00   0.00000E+00   -1924.9
0.00000E+00   0.00000E+00   0.00000E+00
       677        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
       678        0        0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
       704        0        0   0.00000E+00   0.00000E+00  -0.31807
0.00000E+00   0.00000E+00   0.00000E+00
       705        0        0   0.00000E+00   0.00000E+00   -7.9517
0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -6.9975
0.00000E+00   0.00000E+00   0.00000E+00
       707        0        0   0.00000E+00   0.00000E+00   -1690.6
0.00000E+00   0.00000E+00   0.00000E+00
       708        0        0   0.00000E+00   0.00000E+00   -4102.4
0.00000E+00   0.00000E+00   0.00000E+00
       709        0        0   0.00000E+00   0.00000E+00   -4211.5
0.00000E+00   0.00000E+00   0.00000E+00
       710        0        0   0.00000E+00   0.00000E+00   -3804.3
0.00000E+00   0.00000E+00   0.00000E+00
       711        0        0   0.00000E+00   0.00000E+00   -4268.3
0.00000E+00   0.00000E+00   0.00000E+00
       712        0        0   0.00000E+00   0.00000E+00   -4075.2
0.00000E+00   0.00000E+00   0.00000E+00
       713        0        0   0.00000E+00   0.00000E+00   -4998.0
0.00000E+00   0.00000E+00   0.00000E+00
       714        0        0   0.00000E+00   0.00000E+00  -0.14962E+06
0.00000E+00   0.00000E+00   0.00000E+00
       715        0        0   0.00000E+00   0.00000E+00  -0.11112E+06
0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -4211.0
0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -3908.3
0.00000E+00   0.00000E+00   0.00000E+00
       718        0        0   0.00000E+00   0.00000E+00   -4136.9
0.00000E+00   0.00000E+00   0.00000E+00
       719        0        0   0.00000E+00   0.00000E+00   -4130.6
0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -3850.7
0.00000E+00   0.00000E+00   0.00000E+00
       721        0        0   0.00000E+00   0.00000E+00   -5228.0
0.00000E+00   0.00000E+00   0.00000E+00
       722        0        0   0.00000E+00   0.00000E+00   -6103.2
0.00000E+00   0.00000E+00   0.00000E+00
       723        0        0   0.00000E+00   0.00000E+00   -5118.3
0.00000E+00   0.00000E+00   0.00000E+00
       724        0        0   0.00000E+00   0.00000E+00   -4012.2
0.00000E+00   0.00000E+00   0.00000E+00
       725        0        0   0.00000E+00   0.00000E+00   -4033.4
0.00000E+00   0.00000E+00   0.00000E+00
       726        0        0   0.00000E+00   0.00000E+00   -4130.2
0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -3954.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4171.4
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5038.4
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.7
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5095.5
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3994.7
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4136.9
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3774.7
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -748.76
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3788.1
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8590.0
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8163.1
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -9016.8
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7736.3
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10191.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00  -0.11093E+06
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -83123.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8483.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8696.7
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8056.4
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10724.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12271.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -10511.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -8376.5
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8376.5
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8803.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -9959.4
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10084.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -8056.4
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8696.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
792        0        0   0.00000E+00   0.00000E+00   -2294.2
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1670.9
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3788.8
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3600.6
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3977.1
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3412.3
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4494.8
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -94342.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -70229.
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3741.8
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3835.9
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3553.5
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -4730.2
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -5412.6
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -4636.0
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3694.7
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -3694.7
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -3883.0
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -4392.9
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -5396.9
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -4447.8
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -3553.5
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -3835.9
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -1011.9
0.00000E+00   0.00000E+00   0.00000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =          227
    LARGEST NODE OR ELEMENT NUMBER              =          849

    L O A D   C A S E       633
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CDM_TRsx - My (My) @ 16 (-X) - Negative - Frequent

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -135.64 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.83 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.45 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -318.20 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -281.07 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -362.56 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.88 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -313.05 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6423.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9322.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1531.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -374.93 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -381.64 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -275.92 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -279.01 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -320.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -291.39 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -371.32 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -369.78 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -68.592 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -50.045 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 524 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -689.09 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 525 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -712.19 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 526 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -719.88 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -703.20 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 528 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -872.59 | | | |

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0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -768.65
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -823.83
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -719.88
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -796.88
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -755.95
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -997.79
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -727.92
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -858.34
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1935.3
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1857.0
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -2013.7
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1778.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2294.4
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2258.5
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1981.0
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -23689.
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -34116.
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -6297.2
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2372.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2415.1
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1746.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1765.6
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2026.7
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1844.0
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2349.8
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2340.0
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -434.07
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -15.320
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -210.95
0.00000E+00   0.00000E+00   0.00000E+00
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582        0        0   0.00000E+00   0.00000E+00   -218.02
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -220.37
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -215.27
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -267.12
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -235.30
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -252.19
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -220.37
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -243.94
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -286.30
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1677.7
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1430.4
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -1027.9
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2415.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2425.5
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2207.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2504.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2347.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2911.3
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2887.8
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2512.8
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -51624.
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -74794.
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -12331.
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2223.5
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3010.4
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -3038.4
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2310.7
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2245.5
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2542.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2260.7
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2324.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3008.1
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -3004.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2219.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -909.15
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -57.888
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -1447.2
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -1273.5
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -680.73
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -1933.1
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -2291.0
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -1974.1
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -2292.9
0.00000E+00   0.00000E+00   0.00000E+00
656       0       0   0.00000E+00   0.00000E+00   -2483.6
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -2534.4
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -2140.9
0.00000E+00   0.00000E+00   0.00000E+00
660       0       0   0.00000E+00   0.00000E+00   -46138.
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -66484.
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -2042.1
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -2567.5
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -2508.6
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -2276.5
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -1932.2
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -2073.9
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -2192.8
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -2650.8
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -2675.1
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -1924.9
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00  -0.31807
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       705        0        0   0.00000E+00   0.00000E+00   -7.9517
0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -6.9975
0.00000E+00   0.00000E+00   0.00000E+00
       707        0        0   0.00000E+00   0.00000E+00   -1327.5
0.00000E+00   0.00000E+00   0.00000E+00
       708        0        0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
       709        0        0   0.00000E+00   0.00000E+00   -4525.4
0.00000E+00   0.00000E+00   0.00000E+00
       710        0        0   0.00000E+00   0.00000E+00   -3810.8
0.00000E+00   0.00000E+00   0.00000E+00
       711        0        0   0.00000E+00   0.00000E+00   -3954.9
0.00000E+00   0.00000E+00   0.00000E+00
       712        0        0   0.00000E+00   0.00000E+00   -4381.3
0.00000E+00   0.00000E+00   0.00000E+00
       713        0        0   0.00000E+00   0.00000E+00   -4896.5
0.00000E+00   0.00000E+00   0.00000E+00
       714        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
       715        0        0   0.00000E+00   0.00000E+00   -4886.0
0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -4412.9
0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -97530.
0.00000E+00   0.00000E+00   0.00000E+00
       718        0        0   0.00000E+00   0.00000E+00  -0.14121E+06
0.00000E+00   0.00000E+00   0.00000E+00
       719        0        0   0.00000E+00   0.00000E+00   -23063.
0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -3844.3
0.00000E+00   0.00000E+00   0.00000E+00
       721        0        0   0.00000E+00   0.00000E+00   -5125.5
0.00000E+00   0.00000E+00   0.00000E+00
       722        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
       723        0        0   0.00000E+00   0.00000E+00   -5189.0
0.00000E+00   0.00000E+00   0.00000E+00
       724        0        0   0.00000E+00   0.00000E+00   -4035.9
0.00000E+00   0.00000E+00   0.00000E+00
       725        0        0   0.00000E+00   0.00000E+00   -3909.8
0.00000E+00   0.00000E+00   0.00000E+00
       726        0        0   0.00000E+00   0.00000E+00   -4246.5
0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -3948.3
0.00000E+00   0.00000E+00   0.00000E+00
       728        0        0   0.00000E+00   0.00000E+00   -4081.2
0.00000E+00   0.00000E+00   0.00000E+00
       729        0        0   0.00000E+00   0.00000E+00   -5098.8
0.00000E+00   0.00000E+00   0.00000E+00
       730        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -5105.6
0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -3966.0
0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -4158.3
0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -748.52
0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -2664.7
0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -9134.2
0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -7596.3
0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -8047.1
0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -8683.4
```

```
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -9876.6
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -9735.1
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -9107.6
0.00000E+00   0.00000E+00   0.00000E+00
774       0       0   0.00000E+00   0.00000E+00   -71991.
0.00000E+00   0.00000E+00   0.00000E+00
775       0       0   0.00000E+00   0.00000E+00  -0.10243E+06
0.00000E+00   0.00000E+00   0.00000E+00
776       0       0   0.00000E+00   0.00000E+00   -21584.
0.00000E+00   0.00000E+00   0.00000E+00
777       0       0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
778       0       0   0.00000E+00   0.00000E+00   -10407.
0.00000E+00   0.00000E+00   0.00000E+00
779       0       0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
780       0       0   0.00000E+00   0.00000E+00   -10729.
0.00000E+00   0.00000E+00   0.00000E+00
781       0       0   0.00000E+00   0.00000E+00   -7649.4
0.00000E+00   0.00000E+00   0.00000E+00
782       0       0   0.00000E+00   0.00000E+00   -7994.0
0.00000E+00   0.00000E+00   0.00000E+00
783       0       0   0.00000E+00   0.00000E+00   -8736.4
0.00000E+00   0.00000E+00   0.00000E+00
784       0       0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -8524.3
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -10146.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -10115.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -7967.5
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -8763.0
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -2293.5
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -1175.3
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -3333.0
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -4028.9
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -3350.6
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -3549.4
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -3830.1
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -4356.3
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -5395.2
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -4294.0
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -4017.2
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -61370.
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -88616.
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -15443.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3333.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4590.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5395.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4732.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3374.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3526.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3853.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3333.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3759.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4475.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5395.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4461.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3514.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3865.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3333.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1011.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 231
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 634

CDM_TRsx - My (My) @ 16 (+X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE |
| NODE | NODE | RNCE | FX | FY | FZ | MX | MY | MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -135.64 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.83 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.45 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -318.20 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -281.07 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -362.56 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.88 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -313.05 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

```
489        0        0   0.00000E+00   0.00000E+00   -271.27
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -6963.6
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -9324.1
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -989.05
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -374.93
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -437.34
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -381.64
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -275.92
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -279.01
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -320.27
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -271.27
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -291.39
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -371.32
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -437.34
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -369.78
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -271.27
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -68.592
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -248.36
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -725.22
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -832.52
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -633.83
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -696.75
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -895.44
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -788.14
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -800.73
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -699.39
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -852.39
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -714.47
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1016.7
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -721.09
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -858.34
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1935.3
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1857.0
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -2013.7
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1778.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2294.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -2258.5
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -1981.0
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -25693.
0.00000E+00   0.00000E+00   0.00000E+00
548       0       0   0.00000E+00   0.00000E+00   -34129.
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -4280.2
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -2372.7
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -2415.1
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -1746.1
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -1765.6
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -2026.7
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -1844.0
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -2349.8
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -2340.0
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -434.07
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -76.030
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -222.01
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -254.85
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -194.03
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -213.29
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -274.11
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -241.27
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -245.12
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -214.10
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -260.93
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -273.60
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -1683.5
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -1428.3
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -1027.9
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -2415.9
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -2425.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
596        0        0   0.00000E+00   0.00000E+00   -2207.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2504.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2347.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2911.3
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2887.8
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2512.8
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2244.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -55865.
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -74878.
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -7984.5
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3010.4
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -3038.4
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2310.7
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2245.5
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2542.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2260.7
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2324.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3008.1
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.7
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -3004.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2219.5
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -909.15
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -57.888
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1447.2
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1273.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -680.73
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -1933.1
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2291.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -1974.1
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2292.9
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2483.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3113.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -2534.4
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -2140.9
0.00000E+00   0.00000E+00   0.00000E+00
660       0       0   0.00000E+00   0.00000E+00   -2125.6
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -49613.
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -66776.
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -7176.9
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -2567.5
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -2508.6
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -2276.5
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -1932.2
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -2073.9
0.00000E+00   0.00000E+00   0.00000E+00
670       0       0   0.00000E+00   0.00000E+00   -2192.8
0.00000E+00   0.00000E+00   0.00000E+00
671       0       0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
672       0       0   0.00000E+00   0.00000E+00   -2650.8
0.00000E+00   0.00000E+00   0.00000E+00
673       0       0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674       0       0   0.00000E+00   0.00000E+00   -2675.1
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -1924.9
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00  -0.31807
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -7.9517
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -6.9975
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -1327.5
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -4525.4
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -3810.8
0.00000E+00   0.00000E+00   0.00000E+00
711       0       0   0.00000E+00   0.00000E+00   -3954.9
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00   -4381.3
0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -4896.5
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00   -4886.0
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -4412.9
0.00000E+00   0.00000E+00   0.00000E+00
717       0       0   0.00000E+00   0.00000E+00   -3923.3
0.00000E+00   0.00000E+00   0.00000E+00
718       0       0   0.00000E+00   0.00000E+00  -0.10533E+06
0.00000E+00   0.00000E+00   0.00000E+00
```

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719        0        0   0.00000E+00   0.00000E+00  -0.14163E+06
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -14765.
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -5125.5
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5189.0
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4035.9
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -3909.8
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4246.5
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3948.3
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4081.2
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5098.8
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5105.6
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3966.0
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4158.3
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -748.52
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -2664.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -9134.2
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7596.3
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8047.1
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -8683.4
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -9876.6
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9735.1
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -9107.6
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7622.8
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -77753.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00  -0.10312E+06
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -15066.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10407.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -10729.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7649.4
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7994.0
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8736.4
```

```
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8524.3
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10146.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10115.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7967.5
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8763.0
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -2293.5
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1175.3
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3333.0
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -4028.9
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3350.6
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3549.4
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3830.1
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4356.3
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5395.2
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4294.0
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -4017.2
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3362.3
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -66379.
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -88920.
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -10101.
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -4590.2
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -5395.2
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -4732.5
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3374.0
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3526.0
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -3853.4
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3333.0
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -3759.9
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -4475.2
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -5395.2
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -4461.6
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -3514.3
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -3865.1
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3333.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1011.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 231
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 635

CDM_TRsx - My (My) @ 20 - Negative - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | | |
| FORCE | FORCE | FORCE | | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | | |
| MX | MY | MZ | | | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -134.88 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -308.96 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.60 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.29 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -326.26 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -269.76 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -366.98 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.05 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -375.29 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -285.54 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.34 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.21 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2833.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9318.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5188.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.05 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -363.93 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -277.40 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -320.15 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -269.76 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -297.76 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -299.79 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.46 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.05 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

```
503        0        0   0.00000E+00   0.00000E+00   -354.26
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -248.39
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -616.53
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -790.64
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -886.65
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -737.55
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -836.77
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -782.08
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -843.73
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -769.16
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -758.17
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -801.84
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -644.14
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -706.82
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -876.65
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -808.72
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -784.86
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -704.80
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -855.22
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -763.11
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1078.4
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -717.86
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -853.56
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1955.1
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1826.3
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1716.8
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -2064.7
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1707.1
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2322.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2765.8
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2374.9
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1807.0
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1736.1
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -2045.3
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -10862.
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -34092.
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -19548.
```

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0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2765.8
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2303.0
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1755.4
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -2026.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1707.1
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1884.3
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1897.2
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2255.8
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -2765.8
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2241.8
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1571.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -188.73
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -242.03
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -271.42
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -225.78
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -256.16
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -239.41
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -258.28
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -235.46
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -232.09
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -245.46
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -197.19
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -216.37
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -268.36
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -247.57
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -240.26
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -215.75
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -261.80
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -606.68
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -2054.0
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1416.2
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -1023.2
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2435.7
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2394.7
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2207.1
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2555.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
598        0        0   0.00000E+00   0.00000E+00   -2275.6
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2939.3
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3538.9
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -3004.7
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2338.2
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2263.6
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2526.2
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -13888.
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -54042.
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -61335.
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -2925.9
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2320.1
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2506.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2221.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2428.9
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2377.5
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2913.7
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3538.9
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2905.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2074.2
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -393.46
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1818.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1261.8
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -680.70
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -1933.2
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2290.8
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -1974.4
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2292.5
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2483.7
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2535.0
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2140.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -2125.7
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1933.7
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -2312.4
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -24257.
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -77192.
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -23552.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2508.0
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2276.5
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -1933.6
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -2072.2
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2193.7
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -1932.9
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2650.3
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2674.6
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2025.0
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -2.1619
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -9.9893
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -6.9328
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1327.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4525.4
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3810.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -3954.9
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -4381.3
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -4896.5
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -4886.0
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4412.9
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3923.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -3918.3
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4341.9
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -50648.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
721        0        0   0.00000E+00   0.00000E+00  -0.16426E+06
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -49774.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5189.0
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4035.9
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -3909.8
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4246.5
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3948.3
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4081.2
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5098.8
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5105.6
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3966.0
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4158.3
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -748.52
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -2664.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -9134.2
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7596.3
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8047.1
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -8683.4
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -9876.6
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9735.1
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -9107.6
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7622.8
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8020.6
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8709.9
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -39741.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00  -0.11983E+06
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -42270.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -10729.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7649.4
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7994.0
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8736.4
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8524.3
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10146.
      0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12232.
      0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10115.
      0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7967.5
      0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8763.0
      0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7556.6
      0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -2293.5
      0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1175.3
      0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3333.0
      0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -4028.9
      0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3350.6
      0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3549.4
      0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3830.1
      0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4356.3
      0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5395.2
      0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4294.0
      0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -4017.2
      0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3362.3
      0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3537.7
      0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3841.8
      0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -32337.
      0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00  -0.10320E+06
      0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -32466.
      0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -4732.5
      0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3374.0
      0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3526.0
      0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -3853.4
      0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3333.0
      0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -3759.9
      0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -4475.2
      0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -5395.2
      0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -4461.6
      0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -3514.3
      0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -3865.1
      0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -3333.0
      0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -1011.6
      0.00000E+00   0.00000E+00   0.00000E+00
```

NUMBER OF LOADED NODES OR ELEMENTS = 243
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 636

CDM_TRsx - My (My) @ 22 (-X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -516.58 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -643.87 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -291.02 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.81 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.62 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -364.80 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -366.17 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -299.22 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -315.61 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -282.82 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.62 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11867. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5359.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -373.00 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -307.41 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -291.02 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.81 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -349.77 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
505        0        0   0.00000E+00   0.00000E+00   -28.692
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -9.0598
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -726.65
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -726.92
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -902.78
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -717.76
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -809.72
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -753.66
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -660.23
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -722.52
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -847.09
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -840.86
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -759.89
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -722.52
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -840.86
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -739.72
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1048.5
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -722.05
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -972.70
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2048.4
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1841.6
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -2049.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1737.9
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2308.5
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2766.8
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2317.2
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1893.5
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1997.3
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1789.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1737.9
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -43437.
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -20345.
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2360.4
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1945.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1841.6
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2049.2
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2213.4
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -2766.8
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2256.7
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -181.57
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2.7734
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -222.44
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -222.53
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -276.36
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -219.72
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -247.87
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -230.71
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -202.11
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -221.18
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -259.31
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -257.41
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -232.62
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -221.18
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -257.41
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -442.57
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1833.8
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1456.0
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -1025.6
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2425.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2410.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2202.2
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2540.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2306.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2925.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2946.7
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2425.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2239.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
604        0        0   0.00000E+00   0.00000E+00   -2478.0
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2341.4
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2244.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -69471.
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -65944.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -5846.1
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2276.5
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2425.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2356.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2255.9
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2530.1
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2871.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2920.5
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2214.8
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -655.74
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -227.93
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1595.5
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1302.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -680.71
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -1933.2
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2290.9
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -1974.3
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2292.7
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2483.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2534.7
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2140.5
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -2125.5
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1933.5
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -2223.4
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2042.2
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -32167.
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -85041.
```

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0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -8348.0
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2276.3
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -1933.2
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -2072.9
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2192.8
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -1933.8
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2650.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2674.7
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1923.5
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1.2524
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -8.7667
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -7.1565
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1327.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4525.4
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3810.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -3954.9
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -4381.3
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -4896.5
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -4886.0
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4412.9
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3923.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -3918.3
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4341.9
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3844.3
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -67530.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18082E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -17670.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4035.9
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -3909.8
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4246.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
727        0        0   0.00000E+00   0.00000E+00   -3948.3
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4081.2
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5098.8
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6090.4
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5105.6
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3966.0
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4158.3
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3768.4
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -748.52
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -2664.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -9134.2
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7596.3
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8047.1
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -8683.4
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -9876.6
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9735.1
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -9107.6
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7622.8
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8020.6
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8709.9
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -53319.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -19312.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7649.4
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7994.0
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8736.4
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7556.6
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8524.3
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10146.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10115.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7967.5
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8763.0
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7556.6
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
 792       0       0   0.00000E+00   0.00000E+00   -2293.5
 0.00000E+00   0.00000E+00   0.00000E+00
 821       0       0   0.00000E+00   0.00000E+00   -1175.3
 0.00000E+00   0.00000E+00   0.00000E+00
 822       0       0   0.00000E+00   0.00000E+00   -3333.0
 0.00000E+00   0.00000E+00   0.00000E+00
 823       0       0   0.00000E+00   0.00000E+00   -4028.9
 0.00000E+00   0.00000E+00   0.00000E+00
 824       0       0   0.00000E+00   0.00000E+00   -3350.6
 0.00000E+00   0.00000E+00   0.00000E+00
 825       0       0   0.00000E+00   0.00000E+00   -3549.4
 0.00000E+00   0.00000E+00   0.00000E+00
 826       0       0   0.00000E+00   0.00000E+00   -3830.1
 0.00000E+00   0.00000E+00   0.00000E+00
 827       0       0   0.00000E+00   0.00000E+00   -4356.3
 0.00000E+00   0.00000E+00   0.00000E+00
 828       0       0   0.00000E+00   0.00000E+00   -5395.2
 0.00000E+00   0.00000E+00   0.00000E+00
 829       0       0   0.00000E+00   0.00000E+00   -4294.0
 0.00000E+00   0.00000E+00   0.00000E+00
 830       0       0   0.00000E+00   0.00000E+00   -4017.2
 0.00000E+00   0.00000E+00   0.00000E+00
 831       0       0   0.00000E+00   0.00000E+00   -3362.3
 0.00000E+00   0.00000E+00   0.00000E+00
 832       0       0   0.00000E+00   0.00000E+00   -3537.7
 0.00000E+00   0.00000E+00   0.00000E+00
 833       0       0   0.00000E+00   0.00000E+00   -3841.8
 0.00000E+00   0.00000E+00   0.00000E+00
 834       0       0   0.00000E+00   0.00000E+00   -3333.0
 0.00000E+00   0.00000E+00   0.00000E+00
 835       0       0   0.00000E+00   0.00000E+00   -43262.
 0.00000E+00   0.00000E+00   0.00000E+00
 836       0       0   0.00000E+00   0.00000E+00  -0.11368E+06
 0.00000E+00   0.00000E+00   0.00000E+00
 837       0       0   0.00000E+00   0.00000E+00   -12467.
 0.00000E+00   0.00000E+00   0.00000E+00
 838       0       0   0.00000E+00   0.00000E+00   -3374.0
 0.00000E+00   0.00000E+00   0.00000E+00
 839       0       0   0.00000E+00   0.00000E+00   -3526.0
 0.00000E+00   0.00000E+00   0.00000E+00
 840       0       0   0.00000E+00   0.00000E+00   -3853.4
 0.00000E+00   0.00000E+00   0.00000E+00
 841       0       0   0.00000E+00   0.00000E+00   -3333.0
 0.00000E+00   0.00000E+00   0.00000E+00
 842       0       0   0.00000E+00   0.00000E+00   -3759.9
 0.00000E+00   0.00000E+00   0.00000E+00
 843       0       0   0.00000E+00   0.00000E+00   -4475.2
 0.00000E+00   0.00000E+00   0.00000E+00
 844       0       0   0.00000E+00   0.00000E+00   -5395.2
 0.00000E+00   0.00000E+00   0.00000E+00
 845       0       0   0.00000E+00   0.00000E+00   -4461.6
 0.00000E+00   0.00000E+00   0.00000E+00
 846       0       0   0.00000E+00   0.00000E+00   -3514.3
 0.00000E+00   0.00000E+00   0.00000E+00
 847       0       0   0.00000E+00   0.00000E+00   -3865.1
 0.00000E+00   0.00000E+00   0.00000E+00
 848       0       0   0.00000E+00   0.00000E+00   -3333.0
 0.00000E+00   0.00000E+00   0.00000E+00
 849       0       0   0.00000E+00   0.00000E+00   -1011.6
 0.00000E+00   0.00000E+00   0.00000E+00

     NUMBER OF LOADED NODES OR ELEMENTS          =          239
     LARGEST NODE OR ELEMENT NUMBER              =          849




     L O A D   C A S E       637
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CDM_TRsx - My (My) @ 22 (+X) - Negative - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -512.09 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -904.06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -322.42 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.81 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -364.80 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -366.17 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -299.22 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -315.61 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -282.82 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2433.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11922. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3244.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -307.41 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -291.02 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.81 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -349.77 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.60 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.692 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -632.34 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -772.02 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -821.88 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -817.61 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -757.06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

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524        0        0   0.00000E+00   0.00000E+00   -827.96
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -707.95
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -686.07
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -747.70
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -799.03
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -892.61
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -719.27
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -750.97
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -817.39
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -743.84
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1056.5
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -718.31
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -971.33
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2128.0
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1851.3
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -2049.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1737.9
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2308.5
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2766.8
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2317.2
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1893.5
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1997.3
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1789.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1737.9
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -9745.2
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -43782.
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -12614.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1945.4
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1841.6
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2049.2
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2213.4
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -2766.8
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2256.7
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0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1711.9
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -181.57
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -193.57
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -236.33
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -251.59
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -250.29
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -231.75
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -253.46
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -216.72
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -210.02
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -228.89
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -244.60
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -273.25
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -220.19
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -229.89
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -250.22
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -443.83
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1836.3
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1454.9
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -1025.6
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2425.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2410.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2202.2
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2540.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2306.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2925.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2946.7
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2425.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2239.4
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2478.0
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2341.4
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2244.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -19519.
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -95715.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -26027.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
      610        0        0   0.00000E+00   0.00000E+00   -2276.5
0.00000E+00   0.00000E+00   0.00000E+00
      611        0        0   0.00000E+00   0.00000E+00   -2425.9
0.00000E+00   0.00000E+00   0.00000E+00
      612        0        0   0.00000E+00   0.00000E+00   -2356.4
0.00000E+00   0.00000E+00   0.00000E+00
      613        0        0   0.00000E+00   0.00000E+00   -2255.9
0.00000E+00   0.00000E+00   0.00000E+00
      614        0        0   0.00000E+00   0.00000E+00   -2530.1
0.00000E+00   0.00000E+00   0.00000E+00
      615        0        0   0.00000E+00   0.00000E+00   -2871.2
0.00000E+00   0.00000E+00   0.00000E+00
      616        0        0   0.00000E+00   0.00000E+00   -3539.9
0.00000E+00   0.00000E+00   0.00000E+00
      617        0        0   0.00000E+00   0.00000E+00   -2920.5
0.00000E+00   0.00000E+00   0.00000E+00
      618        0        0   0.00000E+00   0.00000E+00   -2214.8
0.00000E+00   0.00000E+00   0.00000E+00
      619        0        0   0.00000E+00   0.00000E+00   -655.74
0.00000E+00   0.00000E+00   0.00000E+00
      620        0        0   0.00000E+00   0.00000E+00   -473.51
0.00000E+00   0.00000E+00   0.00000E+00
      621        0        0   0.00000E+00   0.00000E+00   -2.5703
0.00000E+00   0.00000E+00   0.00000E+00
      647        0        0   0.00000E+00   0.00000E+00   -227.93
0.00000E+00   0.00000E+00   0.00000E+00
      648        0        0   0.00000E+00   0.00000E+00   -1595.5
0.00000E+00   0.00000E+00   0.00000E+00
      649        0        0   0.00000E+00   0.00000E+00   -1302.5
0.00000E+00   0.00000E+00   0.00000E+00
      650        0        0   0.00000E+00   0.00000E+00   -680.71
0.00000E+00   0.00000E+00   0.00000E+00
      651        0        0   0.00000E+00   0.00000E+00   -1933.2
0.00000E+00   0.00000E+00   0.00000E+00
      652        0        0   0.00000E+00   0.00000E+00   -2290.9
0.00000E+00   0.00000E+00   0.00000E+00
      653        0        0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
      654        0        0   0.00000E+00   0.00000E+00   -1974.3
0.00000E+00   0.00000E+00   0.00000E+00
      655        0        0   0.00000E+00   0.00000E+00   -2292.7
0.00000E+00   0.00000E+00   0.00000E+00
      656        0        0   0.00000E+00   0.00000E+00   -2483.6
0.00000E+00   0.00000E+00   0.00000E+00
      657        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
      658        0        0   0.00000E+00   0.00000E+00   -2534.7
0.00000E+00   0.00000E+00   0.00000E+00
      659        0        0   0.00000E+00   0.00000E+00   -2140.5
0.00000E+00   0.00000E+00   0.00000E+00
      660        0        0   0.00000E+00   0.00000E+00   -2125.5
0.00000E+00   0.00000E+00   0.00000E+00
      661        0        0   0.00000E+00   0.00000E+00   -1933.5
0.00000E+00   0.00000E+00   0.00000E+00
      662        0        0   0.00000E+00   0.00000E+00   -2223.4
0.00000E+00   0.00000E+00   0.00000E+00
      663        0        0   0.00000E+00   0.00000E+00   -2042.2
0.00000E+00   0.00000E+00   0.00000E+00
      664        0        0   0.00000E+00   0.00000E+00   -17239.
0.00000E+00   0.00000E+00   0.00000E+00
      665        0        0   0.00000E+00   0.00000E+00   -85270.
0.00000E+00   0.00000E+00   0.00000E+00
      666        0        0   0.00000E+00   0.00000E+00   -23047.
0.00000E+00   0.00000E+00   0.00000E+00
      667        0        0   0.00000E+00   0.00000E+00   -2276.3
0.00000E+00   0.00000E+00   0.00000E+00
      668        0        0   0.00000E+00   0.00000E+00   -1933.2
0.00000E+00   0.00000E+00   0.00000E+00
      669        0        0   0.00000E+00   0.00000E+00   -2072.9
0.00000E+00   0.00000E+00   0.00000E+00
      670        0        0   0.00000E+00   0.00000E+00   -2192.8
0.00000E+00   0.00000E+00   0.00000E+00
      671        0        0   0.00000E+00   0.00000E+00   -1933.8
```

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0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2650.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2674.7
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2025.8
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1923.5
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -10.436
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1.2524
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -8.7667
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -7.1565
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -968.74
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -3761.9
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4187.9
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -4140.7
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -3789.9
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -4393.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -4940.8
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6088.9
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -4967.5
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4169.1
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -4159.5
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -3761.9
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4431.1
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3897.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -36260.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18082E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -48777.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4178.3
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -3787.4
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4361.2
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3941.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -3991.9
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5158.2
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6088.9
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5115.3
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3937.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
733        0        0   0.00000E+00   0.00000E+00   -4179.3
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3761.9
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -748.24
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -1554.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8089.9
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -8617.0
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -8722.4
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10014.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12227.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9987.2
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8353.5
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -8353.5
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8985.9
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7721.0
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -31654.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13238E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -40474.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -8089.9
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7615.6
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9091.3
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8248.0
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10330.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12227.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10145.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7879.1
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8827.8
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -2292.6
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -685.76
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3324.2
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3568.3
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3800.7
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3324.2
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3847.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4416.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5393.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4405.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3684.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3684.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3324.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3963.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3405.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23834. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11367E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -31673. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3568.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3359.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4010.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3324.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3638.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4556.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5393.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4474.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3475.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3893.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3324.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1011.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 239
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 638

CDM_TRsx - My (My) @ 28 - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -489.47 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1126.5 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
481        0        0   0.00000E+00   0.00000E+00   -1022.3
0.00000E+00   0.00000E+00   0.00000E+00
482        0        0   0.00000E+00   0.00000E+00   -808.11
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -318.65
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -280.56
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -362.74
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -437.33
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -357.62
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -311.95
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -271.21
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -299.96
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -299.25
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -271.21
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -375.43
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -437.33
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -383.02
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -2837.3
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -9304.7
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -5137.3
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -271.21
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -293.96
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -369.61
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -437.33
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -368.73
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -122.21
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -73.121
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -727.42
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -787.24
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -846.12
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -773.95
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -859.41
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -797.37
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -859.04
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -736.74
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -873.57
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -734.06
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -899.30
0.00000E+00   0.00000E+00   0.00000E+00
```

```
523        0        0   0.00000E+00   0.00000E+00   -715.84
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -818.28
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -745.64
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -662.90
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -725.12
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -842.16
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -846.20
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -755.73
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -725.46
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -838.46
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -812.36
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1089.5
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -718.69
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -966.48
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2187.4
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -2079.0
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1880.7
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -2016.5
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1775.5
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2295.5
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.5
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2263.1
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1974.1
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1716.3
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1898.2
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1893.7
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1716.3
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2375.8
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.5
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2423.8
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -10888.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -34006.
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -19224.
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1716.3
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1860.3
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2339.0
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -2767.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2333.4
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -773.35
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -22.384
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -222.68
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -240.99
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -259.02
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -236.92
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -263.09
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -244.09
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -262.97
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -225.53
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -267.42
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -224.71
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -275.30
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -219.14
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -250.49
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -228.26
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -202.93
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -221.98
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -257.80
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -259.04
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -231.34
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -222.08
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -256.67
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -899.63
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -2088.3
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1437.0
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -957.76
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2415.4
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2358.6
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2270.9
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2496.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2305.2
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2941.8
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.4
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2908.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
602        0        0   0.00000E+00   0.00000E+00   -2459.2
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2289.0
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2377.4
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2405.8
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2261.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3000.9
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.4
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -3042.2
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -17507.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -74695.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -46555.
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2279.9
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2339.3
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2991.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.4
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2993.5
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -1279.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -472.27
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -472.27
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -3.4058
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -686.52
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1850.6
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1283.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -396.52
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -1928.1
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2024.5
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -2235.7
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -1928.6
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2134.6
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2603.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3112.7
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2598.2
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -1951.4
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -2309.5
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1927.9
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -2061.5
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2198.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2515.9
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3112.7
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2488.5
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -9671.0
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -66529.
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -47414.
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2272.6
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -1927.7
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2626.3
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3112.7
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2658.6
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2046.1
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1917.4
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1917.4
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -13.828
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -3.7721
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -10.168
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -7.0521
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -270.20
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -3323.4
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4061.0
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3983.6
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4206.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3996.1
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5070.4
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.0
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5055.5
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4104.3
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -4034.5
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4112.0
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4039.4
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3958.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -5174.8
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6114.6
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5108.7
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -11888.
0.00000E+00   0.00000E+00   0.00000E+00
```

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725        0        0   0.00000E+00   0.00000E+00   -96515.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00  -0.12091E+06
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -36471.
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4159.1
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5027.5
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.0
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5085.1
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4009.5
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4135.5
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3770.6
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -751.08
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -6190.6
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8266.2
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8921.7
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7829.2
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10160.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12235.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -10123.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8557.5
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8630.4
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8120.6
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10670.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12308.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -10524.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7574.3
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -40523.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00  -0.10282E+06
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -52632.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8776.0
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -9977.7
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12235.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10087.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -8047.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8703.2
```

| | | | | | |
|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7574.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2294.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 822 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2730.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 823 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3646.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 824 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3340.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 825 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3935.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3453.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4481.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5396.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4465.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3774.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3340.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3806.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3581.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3340.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4706.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5428.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4641.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3340.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32682. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -88788. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -43946. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3870.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4401.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5396.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4449.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3549.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3838.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3340.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1011.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 251
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 639

CDM_TRsx - My (My) @ 34 (-X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFFRNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX |
| | | | | | | FORCE MY |
| | | | | | | FORCE MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -474.93 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1163.7 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -965.59 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1132.2 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -997.06 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1056.6 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -968.48 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -569.47 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -54.551 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -294.83 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -320.81 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.05 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -292.24 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -302.63 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -267.56 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9816.7 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7411.7 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -367.57 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -120.79 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -169.86 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -730.14 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -877.99 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -759.33 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -855.98 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -781.34 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -862.99 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -799.59 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -803.04 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -809.00 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -789.95 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -847.36 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -727.03 | 0.00000E+00 |
| 0.00000E+00 | 0.00000E+00 | | | | | |

```
524        0        0   0.00000E+00   0.00000E+00   -854.57
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -706.64
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -677.66
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -739.51
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -814.75
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -875.75
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -732.56
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -741.71
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -825.09
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -814.73
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1094.1
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -716.56
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -933.51
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2291.6
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1895.1
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -2235.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1951.4
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1899.7
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -413.06
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -174.33
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -345.21
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -1865.8
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -2030.2
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1734.3
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1849.3
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1915.1
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1693.2
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -36116.
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -27680.
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2326.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -764.40
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -51.997
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -223.51
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -268.77
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -232.45
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -262.03
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -239.18
```

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0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -264.18
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -244.77
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -245.83
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -247.65
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -241.82
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -259.40
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -222.56
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -261.60
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -216.32
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -207.45
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -226.38
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -249.41
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -268.09
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -224.25
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -227.06
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -252.58
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -900.36
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -2089.7
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1436.3
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -831.18
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -2041.1
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1687.0
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -1991.9
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -1736.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -1662.4
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -122.96
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -432.92
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -490.90
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -483.17
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -560.48
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -609.44
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -1109.2
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -2487.1
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2582.5
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2239.2
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2331.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
613        0        0   0.00000E+00   0.00000E+00   -2490.2
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2170.9
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -71633.
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -66671.
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2983.9
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -1273.5
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -471.58
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -471.58
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -3.8654
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -686.52
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1850.6
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1283.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -4.5669
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -11.215
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -9.2690
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -10.944
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -9.5392
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -9.1338
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00  -0.67558
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1757.7
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1993.1
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1961.7
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2275.6
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2474.3
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3098.7
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2505.6
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2224.0
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2034.0
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1940.5
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2317.5
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -1923.9
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -55500.
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -67592.
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2649.3
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2060.1
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1914.6
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1914.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -15.693
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -3.7721
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -10.168
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -7.0521
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -974.54
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3812.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4152.6
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -3771.0
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -4460.6
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -4892.9
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6082.4
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -4870.9
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4457.7
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -3842.6
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4012.2
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -4288.2
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -3750.7
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00  -0.10216E+06
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00  -0.15883E+06
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5122.0
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -3888.5
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4227.8
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3738.6
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -750.82
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -3015.0
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -8044.1
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8594.5
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -7481.1
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -8944.8
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -9858.1
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12210.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -9745.5
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -9069.9
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7568.7
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8294.3
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -8344.3
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 785 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7518.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 786 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -66595. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 787 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.12807E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 788 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10221. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 789 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7643.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8994.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7481.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2289.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1329.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3548.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3790.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3299.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3945.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4348.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5385.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4298.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4000.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3338.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3658.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3680.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3316.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55041. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.10980E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4508.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3371.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3967.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3299.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1009.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 206
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 640

CDM_TRsx - My (My) @ 34 (+X) - Negative - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -479.57 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1152.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -976.80 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1116.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -943.92 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -832.69 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -921.64 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -929.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -77.696 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -107.52 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.88 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -304.74 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -266.58 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -324.56 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5680.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11510. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -352.80 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -249.73 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -73.711 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -763.48 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -805.31 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -836.25 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -773.44 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -868.13 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -741.56 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -920.78 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -740.13 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -878.01 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -735.77 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -853.12 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -788.44 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -786.45 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 524 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -801.86 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 525 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -709.22 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 526 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -694.28 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
527       0       0   0.00000E+00   0.00000E+00   -755.70
0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -786.25
0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -903.46
0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -709.22
0.00000E+00   0.00000E+00   0.00000E+00
531       0       0   0.00000E+00   0.00000E+00   -760.02
0.00000E+00   0.00000E+00   0.00000E+00
532       0       0   0.00000E+00   0.00000E+00   -809.82
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -817.31
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -1099.2
0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -714.08
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -977.71
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -2183.5
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -2042.9
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -2008.5
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -1786.5
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -259.74
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -282.14
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -284.60
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -23.785
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -680.44
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -1828.1
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -1928.4
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -1687.0
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -2053.9
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -21250.
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -42310.
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -2232.6
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -1580.4
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -22.565
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -233.72
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -246.52
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -255.99
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -236.77
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -265.75
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -227.01
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -281.87
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -226.57
0.00000E+00   0.00000E+00   0.00000E+00
```

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576        0        0   0.00000E+00   0.00000E+00   -268.78
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -225.23
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -261.16
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -241.36
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -240.75
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -245.47
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -217.11
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -212.53
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -231.34
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -240.69
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -276.57
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -217.11
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -232.66
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -247.91
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -901.15
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -2091.2
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1435.6
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -876.29
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1930.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1839.2
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -1757.7
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -1579.4
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5.0947
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -53.115
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -464.05
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -623.40
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -760.38
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -659.74
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -1172.1
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2340.7
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2463.8
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2159.9
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2628.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -41324.
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -93845.
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -5729.5
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2125.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -464.05
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -464.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -8.3865
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -686.52
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1850.6
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1283.5
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -4.8148
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -10.609
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -10.105
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -9.6576
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -8.6779
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00  -0.27993E-01
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -215.65
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -1884.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2531.0
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3087.1
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2678.5
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -1990.0
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2064.4
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -2155.7
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -1904.7
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2315.3
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -31860.
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -85245.
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -8394.3
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2199.2
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1884.1
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1884.1
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -34.049
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -3.7721
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -10.168
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -7.0521
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -2162.2
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3939.6
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -4993.6
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6080.0
0.00000E+00   0.00000E+00   0.00000E+00
```

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723        0        0   0.00000E+00   0.00000E+00   -5152.4
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -4086.1
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -3848.1
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4385.6
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3795.5
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4191.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -67484.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00  -0.18081E+06
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -17520.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4037.0
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -4167.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3730.7
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -764.28
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -6229.1
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -8168.4
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10049.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12223.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -10225.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -8403.4
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7521.9
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8991.1
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7698.2
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8050.8
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -53372.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00  -0.13238E+06
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -18749.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7815.8
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -8873.5
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7521.9
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -2291.8
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -2747.5
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3602.9
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -4432.3
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -5391.4
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -4510.1
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3706.6
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3317.8
```

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      0.00000E+00   0.00000E+00   0.00000E+00
      840       0       0   0.00000E+00   0.00000E+00   -3965.8
      0.00000E+00   0.00000E+00   0.00000E+00
      841       0       0   0.00000E+00   0.00000E+00   -3395.5
      0.00000E+00   0.00000E+00   0.00000E+00
      842       0       0   0.00000E+00   0.00000E+00   -3551.0
      0.00000E+00   0.00000E+00   0.00000E+00
      843       0       0   0.00000E+00   0.00000E+00   -43286.
      0.00000E+00   0.00000E+00   0.00000E+00
      844       0       0   0.00000E+00   0.00000E+00  -0.11367E+06
      0.00000E+00   0.00000E+00   0.00000E+00
      845       0       0   0.00000E+00   0.00000E+00   -12219.
      0.00000E+00   0.00000E+00   0.00000E+00
      846       0       0   0.00000E+00   0.00000E+00   -3447.4
      0.00000E+00   0.00000E+00   0.00000E+00
      847       0       0   0.00000E+00   0.00000E+00   -3913.9
      0.00000E+00   0.00000E+00   0.00000E+00
      848       0       0   0.00000E+00   0.00000E+00   -3317.8
      0.00000E+00   0.00000E+00   0.00000E+00
      849       0       0   0.00000E+00   0.00000E+00   -1010.9
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =           191
          LARGEST NODE OR ELEMENT NUMBER              =           849
```

L O A D  C A S E  641

CDM_TRsx - My (My) @ 40 (-X) - Negative - Frequent

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          CONCENTRATED LOAD
    FIRST     LAST     DIFF          FORCE          FORCE          FORCE
    FORCE          FORCE          FORCE
     NODE     NODE     RNCE             FX             FY             FZ
     MX             MY             MZ
      479        0        0   0.00000E+00   0.00000E+00   -86702.
      0.00000E+00   0.00000E+00   0.00000E+00
      480        0        0   0.00000E+00   0.00000E+00   -73559.
      0.00000E+00   0.00000E+00   0.00000E+00
      481        0        0   0.00000E+00   0.00000E+00   -3285.4
      0.00000E+00   0.00000E+00   0.00000E+00
      482        0        0   0.00000E+00   0.00000E+00   -3876.0
      0.00000E+00   0.00000E+00   0.00000E+00
      483        0        0   0.00000E+00   0.00000E+00   -3359.2
      0.00000E+00   0.00000E+00   0.00000E+00
      484        0        0   0.00000E+00   0.00000E+00   -2805.5
      0.00000E+00   0.00000E+00   0.00000E+00
      530        0        0   0.00000E+00   0.00000E+00   -839.79
      0.00000E+00   0.00000E+00   0.00000E+00
      531        0        0   0.00000E+00   0.00000E+00   -3410.6
      0.00000E+00   0.00000E+00   0.00000E+00
      532        0        0   0.00000E+00   0.00000E+00   -3547.7
      0.00000E+00   0.00000E+00   0.00000E+00
      533        0        0   0.00000E+00   0.00000E+00   -3787.6
      0.00000E+00   0.00000E+00   0.00000E+00
      534        0        0   0.00000E+00   0.00000E+00   -3427.7
      0.00000E+00   0.00000E+00   0.00000E+00
      535        0        0   0.00000E+00   0.00000E+00   -2536.5
      0.00000E+00   0.00000E+00   0.00000E+00
      536        0        0   0.00000E+00   0.00000E+00   -98096.
      0.00000E+00   0.00000E+00   0.00000E+00
      537        0        0   0.00000E+00   0.00000E+00   -86201.
      0.00000E+00   0.00000E+00   0.00000E+00
      538        0        0   0.00000E+00   0.00000E+00   -7448.5
      0.00000E+00   0.00000E+00   0.00000E+00
      539        0        0   0.00000E+00   0.00000E+00   -8787.5
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -7615.9
 0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -6360.5
 0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1904.0
 0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -7732.4
 0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -8043.3
 0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -8587.3
 0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -7772.3
 0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -5755.4
 0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -69621.
 0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -58792.
 0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2407.6
 0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2840.4
 0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2461.7
 0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2055.9
 0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -615.42
 0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2499.4
 0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2599.8
 0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2775.7
 0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2574.2
 0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -2128.6
 0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -46.517
 0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -27.910
 0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -6.9776
 0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -30.236
 0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -23387.
 0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -45995.
 0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -14022.
 0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -32804.
 0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -64953.
 0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -19651.
 0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -29277.
 0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -57607.
 0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -17553.
 0.00000E+00   0.00000E+00   0.00000E+00

     NUMBER OF LOADED NODES OR ELEMENTS          =           49
     LARGEST NODE OR ELEMENT NUMBER              =          849
```

L O A D C A S E 642

CDM_TRsx - My (My) @ 40 (+X) - Negative - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -86702. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -73559. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3285.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3876.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3359.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2805.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1272.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 531 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3782.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 532 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3346.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 533 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3888.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 534 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3408.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 535 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2527.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 536 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -98096. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 537 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -86201. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 538 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7448.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 539 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8787.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 540 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7615.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 541 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6360.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 587 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2885.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 588 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8574.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 589 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7586.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 590 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8816.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 591 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7728.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 592 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5734.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 593 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -69621. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 594 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -58792. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 595 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2407.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 596 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2840.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 597 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2461.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 598 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2055.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 644 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -932.55 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 645 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2771.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 646 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2452.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 647 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2849.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 648 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2559.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 649 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2121.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 650 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -46.517 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 651 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -27.910 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 705 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6.9776 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 706 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30.236 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 733 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23194. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 734 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -45823. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 735 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14113. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 790 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32206. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -64421. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 792 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -19930. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -29014. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -57373. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -17676. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 49
LARGEST NODE OR ELEMENT NUMBER = 849

L O A D C A S E 643

CDM_TRsx - My (My) @ 46 (-X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -500.17 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1100.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -924.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -708.96 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -858.53 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -711.01 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

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485        0        0   0.00000E+00   0.00000E+00   -960.98
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1147.4
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -975.33
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -764.28
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -708.96
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -854.44
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -715.10
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -751.99
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -983.52
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1147.4
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -965.08
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -708.96
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -850.34
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -719.20
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -747.89
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -821.65
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -780.67
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -143.43
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -173.03
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1403.5
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -11920.
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -4259.1
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -327.22
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -291.03
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -330.24
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -162.86
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -277.80
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -891.90
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -754.83
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -838.90
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -752.88
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1056.7
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1059.2
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1046.5
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -731.45
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1030.5
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2091.7
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0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1273.6
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -217.03
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -262.82
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -217.65
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -294.18
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.26
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -298.57
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -233.96
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -217.03
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -261.56
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -218.91
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -230.20
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -301.08
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.26
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -295.43
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -217.03
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -260.31
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -220.16
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -228.95
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -251.53
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -238.98
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -43.907
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1095.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6054.9
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -43773.
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -16211.
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2070.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1841.7
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2089.8
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1030.6
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -85.042
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -273.03
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -231.07
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -256.81
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -504.92
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1832.9
0.00000E+00   0.00000E+00   0.00000E+00
```

590 0 0 0.00000E+00 0.00000E+00 -2245.4
0.00000E+00 0.00000E+00 0.00000E+00
591 0 0 0.00000E+00 0.00000E+00 -1967.0
0.00000E+00 0.00000E+00 0.00000E+00
592 0 0 0.00000E+00 0.00000E+00 -1458.9
0.00000E+00 0.00000E+00 0.00000E+00
593 0 0 0.00000E+00 0.00000E+00 -925.30
0.00000E+00 0.00000E+00 0.00000E+00
594 0 0 0.00000E+00 0.00000E+00 -1850.6
0.00000E+00 0.00000E+00 0.00000E+00
595 0 0 0.00000E+00 0.00000E+00 -1044.7
0.00000E+00 0.00000E+00 0.00000E+00
620 0 0 0.00000E+00 0.00000E+00 -341.44
0.00000E+00 0.00000E+00 0.00000E+00
621 0 0 0.00000E+00 0.00000E+00 -534.67
0.00000E+00 0.00000E+00 0.00000E+00
622 0 0 0.00000E+00 0.00000E+00 -1569.2
0.00000E+00 0.00000E+00 0.00000E+00
623 0 0 0.00000E+00 0.00000E+00 -14862.
0.00000E+00 0.00000E+00 0.00000E+00
624 0 0 0.00000E+00 0.00000E+00 -95713.
0.00000E+00 0.00000E+00 0.00000E+00
625 0 0 0.00000E+00 0.00000E+00 -30676.
0.00000E+00 0.00000E+00 0.00000E+00
626 0 0 0.00000E+00 0.00000E+00 -2564.2
0.00000E+00 0.00000E+00 0.00000E+00
627 0 0 0.00000E+00 0.00000E+00 -2445.2
0.00000E+00 0.00000E+00 0.00000E+00
628 0 0 0.00000E+00 0.00000E+00 -2589.8
0.00000E+00 0.00000E+00 0.00000E+00
629 0 0 0.00000E+00 0.00000E+00 -1614.4
0.00000E+00 0.00000E+00 0.00000E+00
630 0 0 0.00000E+00 0.00000E+00 -509.14
0.00000E+00 0.00000E+00 0.00000E+00
631 0 0 0.00000E+00 0.00000E+00 -581.75
0.00000E+00 0.00000E+00 0.00000E+00
632 0 0 0.00000E+00 0.00000E+00 -524.56
0.00000E+00 0.00000E+00 0.00000E+00
633 0 0 0.00000E+00 0.00000E+00 -540.81
0.00000E+00 0.00000E+00 0.00000E+00
634 0 0 0.00000E+00 0.00000E+00 -353.43
0.00000E+00 0.00000E+00 0.00000E+00
645 0 0 0.00000E+00 0.00000E+00 -289.44
0.00000E+00 0.00000E+00 0.00000E+00
646 0 0 0.00000E+00 0.00000E+00 -1591.9
0.00000E+00 0.00000E+00 0.00000E+00
647 0 0 0.00000E+00 0.00000E+00 -2026.1
0.00000E+00 0.00000E+00 0.00000E+00
648 0 0 0.00000E+00 0.00000E+00 -1736.6
0.00000E+00 0.00000E+00 0.00000E+00
649 0 0 0.00000E+00 0.00000E+00 -1302.5
0.00000E+00 0.00000E+00 0.00000E+00
650 0 0 0.00000E+00 0.00000E+00 -5.0841
0.00000E+00 0.00000E+00 0.00000E+00
651 0 0 0.00000E+00 0.00000E+00 -10.168
0.00000E+00 0.00000E+00 0.00000E+00
652 0 0 0.00000E+00 0.00000E+00 -5.7401
0.00000E+00 0.00000E+00 0.00000E+00
677 0 0 0.00000E+00 0.00000E+00 -1386.2
0.00000E+00 0.00000E+00 0.00000E+00
678 0 0 0.00000E+00 0.00000E+00 -2170.8
0.00000E+00 0.00000E+00 0.00000E+00
679 0 0 0.00000E+00 0.00000E+00 -1915.3
0.00000E+00 0.00000E+00 0.00000E+00
680 0 0 0.00000E+00 0.00000E+00 -17295.
0.00000E+00 0.00000E+00 0.00000E+00
681 0 0 0.00000E+00 0.00000E+00 -85297.
0.00000E+00 0.00000E+00 0.00000E+00
682 0 0 0.00000E+00 0.00000E+00 -23338.
0.00000E+00 0.00000E+00 0.00000E+00
683 0 0 0.00000E+00 0.00000E+00 -1984.5
0.00000E+00 0.00000E+00 0.00000E+00
684 0 0 0.00000E+00 0.00000E+00 -2433.4

```
      0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2010.6
      0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2360.9
      0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2067.1
      0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2361.9
      0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2129.7
      0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2195.7
      0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -1434.9
      0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -1.5903
      0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -8.7468
      0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -11.132
      0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -9.5420
      0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -7.1565
      0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -388.30
      0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3373.8
      0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -4054.0
      0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4137.4
      0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -36215.
      0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00  -0.18083E+06
      0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -48964.
      0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4194.8
      0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4436.3
      0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4226.5
      0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4375.6
      0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4287.2
      0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -4478.3
      0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -4315.3
      0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -4206.9
      0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -3827.0
      0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -1027.4
      0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -1201.3
      0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7479.9
      0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -7910.5
      0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -8726.5
      0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -31316.
      0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00  -0.13236E+06
      0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -40506.
      0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 797 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8767.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 798 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8554.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 799 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8810.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 800 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8511.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 801 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8853.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 802 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8815.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 803 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8806.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 804 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8330.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 805 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8778.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 806 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3178.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -529.87 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3299.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3489.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 850 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3849.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 851 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23685. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11367E+06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -31687. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3867.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3773.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3886.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3754.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3904.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3888.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3884.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3674.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3871.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1402.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 179
LARGEST NODE OR ELEMENT NUMBER = 863

L O A D C A S E 644

CDM_TRsx - My (My) @ 46 (+X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | |
|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE |
| FORCE | FORCE | FORCE | | | |

| NODE | NODE | RNCE | FX | FY | FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -496.69 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1101.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -977.38 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -723.54 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -842.83 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.28 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -968.39 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1146.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1006.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -717.27 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -758.07 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -808.30 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.28 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -820.85 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -937.52 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1146.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -933.86 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -792.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -773.77 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.28 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -855.38 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -710.99 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -249.55 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -81.377 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -352.63 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4535.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11543. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1442.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -328.54 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -297.57 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -314.31 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.37 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -29.715 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12.161 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 528 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -737.74 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 529 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -751.93 |

```
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -828.44
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -947.31
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1102.4
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1028.7
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1062.4
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -727.15
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1016.6
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2066.3
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1657.7
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -221.49
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -258.01
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -216.21
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -296.45
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.06
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -308.14
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -219.57
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -232.06
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -247.44
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -216.21
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -251.28
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -287.00
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.06
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -285.88
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -242.63
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -236.87
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -216.21
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -261.85
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -217.65
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -76.394
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -514.98
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2231.6
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -17395.
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -42315.
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5937.0
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2079.1
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1883.1
0.00000E+00   0.00000E+00   0.00000E+00
```

```
572        0        0   0.00000E+00   0.00000E+00   -1989.1
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -1711.0
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -188.05
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -3.7226
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -225.84
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -230.18
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -253.60
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1802.2
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1950.5
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -2180.0
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -2008.9
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1452.6
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -911.74
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1823.5
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1432.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -344.11
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -528.84
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -984.10
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2905.6
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -40738.
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -92382.
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -7578.7
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2653.4
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2401.6
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2568.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2223.1
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -779.27
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -518.42
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -557.70
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -490.29
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -589.79
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -482.52
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -113.03
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -1594.9
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -1701.2
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1967.0
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1775.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1297.2
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0095
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -10.019
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -7.8721
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1397.1
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2147.1
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1899.9
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2716.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -41233.
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -81902.
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2151.2
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2312.6
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2087.9
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2335.4
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2063.6
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2398.7
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2104.8
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2264.3
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -1990.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2394.6
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -1959.0
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -458.89
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -8.7630
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -9.3473
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -10.808
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -9.7562
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -7.1273
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -380.73
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3408.2
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3945.4
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4253.9
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5010.7
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00  -0.13360E+06
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00  -0.12720E+06
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4523.0
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4170.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       742        0        0   0.00000E+00   0.00000E+00   -4393.7
0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -4300.0
0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -4264.4
0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00   -4519.1
0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00   -4299.8
0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -4340.2
0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -3969.7
0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -4687.8
0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -3878.2
0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -2842.5
0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -20.038
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -1177.9
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -7563.2
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -7625.1
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -9113.0
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -9732.9
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -61520.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -9510.5
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -7993.5
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -9160.4
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -8343.5
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -8810.3
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -8865.4
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00   -8811.8
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -8596.4
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -8034.1
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -9393.8
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -7818.4
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -7814.8
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -61.993
0.00000E+00   0.00000E+00   0.00000E+00
       847        0        0   0.00000E+00   0.00000E+00   -519.53
0.00000E+00   0.00000E+00   0.00000E+00
       848        0        0   0.00000E+00   0.00000E+00   -3335.9
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -3363.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -4019.5
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -4293.0
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00  -0.11368E+06
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -50828. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4194.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3525.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4040.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3680.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3886.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3910.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3886.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3791.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3543.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4143.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3448.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3446.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -27.344 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 196
LARGEST NODE OR ELEMENT NUMBER = 866

L O A D C A S E 645

CDM_TRsx - My (My) @ 52 - Negative - Frequent

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | | |
| MX | MY | MZ | | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -496.86 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1113.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -904.33 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -746.66 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -814.85 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -702.34 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -985.32 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1166.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -971.69 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -702.34 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -835.31 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -726.21 | | |

```
      0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -760.30
      0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -801.21
      0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -930.77
      0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1145.6
      0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -954.64
      0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -794.40
      0.00000E+00   0.00000E+00   0.00000E+00
497      498        1   0.00000E+00   0.00000E+00   -702.34
      0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -10.228
      0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -121.39
      0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -368.13
      0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -436.88
      0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -391.37
      0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -284.55
      0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1778.6
      0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -9750.3
      0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -5823.9
      0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -300.65
      0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -326.24
      0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -306.89
      0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -303.38
      0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -310.67
      0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -298.79
      0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -324.80
      0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -274.95
      0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -327.33
      0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -269.11
      0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -257.59
      0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -281.17
      0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -311.43
      0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -332.49
      0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -279.96
      0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -493.90
      0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1044.9
      0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1062.0
      0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1051.4
      0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -729.92
      0.00000E+00   0.00000E+00   0.00000E+00
```

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536        0        0   0.00000E+00   0.00000E+00   -1029.5
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2095.5
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1267.4
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -228.57
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -249.44
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -215.00
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -301.63
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -356.95
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -297.45
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -215.00
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -255.71
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -222.31
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -232.75
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -245.27
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -284.93
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -350.68
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -292.24
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -243.18
0.00000E+00   0.00000E+00   0.00000E+00
554      555        1   0.00000E+00   0.00000E+00   -215.00
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -3.1311
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -768.21
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2329.6
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2764.7
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2476.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -1800.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -7264.6
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -35629.
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -21690.
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -1902.6
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -2064.6
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -1942.1
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1919.9
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1966.0
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -1890.8
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2055.4
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1739.9
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -2071.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1703.0
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1630.1
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1779.3
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1970.8
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2104.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1771.7
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1849.0
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -2215.8
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1945.7
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -2162.4
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1404.2
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -925.30
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1850.6
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1044.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -339.32
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -538.93
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -1243.4
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2987.9
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3537.6
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -3166.4
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2308.2
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -19339.
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -78294.
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -41692.
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2460.5
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -2612.6
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -2516.8
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2410.7
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2566.3
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2386.1
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2645.2
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2246.4
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2578.0
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2254.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2059.6
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2235.2
0.00000E+00   0.00000E+00   0.00000E+00
```

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642        0        0   0.00000E+00   0.00000E+00   -2604.9
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2601.1
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2330.3
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2283.0
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2478.6
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2274.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2413.4
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1411.6
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0841
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -10.168
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5.7401
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1377.7
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2188.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1922.2
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2651.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3112.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2777.4
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2043.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -22974.
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -69804.
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -31257.
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2247.8
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2206.3
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2315.8
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -1975.2
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2419.2
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -1993.5
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2375.8
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2040.3
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2037.4
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2224.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1728.8
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1834.7
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2556.1
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -1998.6
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -2251.8
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2008.8
```

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0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -1955.9
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -2305.5
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -1928.6
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -682.16
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -379.40
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -3399.0
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -3957.9
0.00000E+00   0.00000E+00   0.00000E+00
736       0       0   0.00000E+00   0.00000E+00   -4289.0
0.00000E+00   0.00000E+00   0.00000E+00
737       0       0   0.00000E+00   0.00000E+00   -4958.2
0.00000E+00   0.00000E+00   0.00000E+00
738       0       0   0.00000E+00   0.00000E+00   -6091.2
0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -5169.9
0.00000E+00   0.00000E+00   0.00000E+00
740       0       0   0.00000E+00   0.00000E+00   -4421.7
0.00000E+00   0.00000E+00   0.00000E+00
741       0       0   0.00000E+00   0.00000E+00   -48283.
0.00000E+00   0.00000E+00   0.00000E+00
742       0       0   0.00000E+00   0.00000E+00  -0.14826E+06
0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -65963.
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -4302.3
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00   -4480.5
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00   -4321.2
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -4248.0
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748       0       0   0.00000E+00   0.00000E+00   -4171.8
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749       0       0   0.00000E+00   0.00000E+00   -4467.8
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -4195.2
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751       0       0   0.00000E+00   0.00000E+00   -4267.3
0.00000E+00   0.00000E+00   0.00000E+00
752       0       0   0.00000E+00   0.00000E+00   -4018.6
0.00000E+00   0.00000E+00   0.00000E+00
753       0       0   0.00000E+00   0.00000E+00   -3976.5
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -3623.5
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -3910.5
0.00000E+00   0.00000E+00   0.00000E+00
756       0       0   0.00000E+00   0.00000E+00   -4453.3
0.00000E+00   0.00000E+00   0.00000E+00
757       0       0   0.00000E+00   0.00000E+00   -4413.2
0.00000E+00   0.00000E+00   0.00000E+00
758       0       0   0.00000E+00   0.00000E+00   -3995.1
0.00000E+00   0.00000E+00   0.00000E+00
759       0       0   0.00000E+00   0.00000E+00   -4068.9
0.00000E+00   0.00000E+00   0.00000E+00
760       0       0   0.00000E+00   0.00000E+00   -4066.1
0.00000E+00   0.00000E+00   0.00000E+00
761       0       0   0.00000E+00   0.00000E+00   -4032.4
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00   -3771.6
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -603.71
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -1173.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       791        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -9176.9
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -9710.4
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -10097.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -9340.1
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -38476.
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00  -0.10789E+06
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -50994.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -8536.6
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -9178.3
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00   -8450.4
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -8950.5
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -7768.2
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -9591.1
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -7934.0
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -8869.3
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -8109.8
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -7540.7
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -8204.6
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -8346.9
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -9414.0
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -8323.2
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -8429.9
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -426.83
0.00000E+00   0.00000E+00   0.00000E+00
       847        0        0   0.00000E+00   0.00000E+00   -517.73
0.00000E+00   0.00000E+00   0.00000E+00
       848        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -3341.7
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -4047.7
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -4283.0
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -5396.9
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -4453.8
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -30908. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -93115. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -42004. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3765.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4048.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3727.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3947.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3426.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4230.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3499.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3912.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3577.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3326.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3618.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3681.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4152.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3671.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3718.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -188.27 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 257
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 646

CDM_TRsx - My (My) @ 58 (-X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -492.16 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1111.9 | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
481        0        0   0.00000E+00   0.00000E+00   -791.58
0.00000E+00   0.00000E+00   0.00000E+00
482        0        0   0.00000E+00   0.00000E+00   -774.52
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -780.36
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -719.10
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -1003.5
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1143.6
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -940.81
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -768.69
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -786.19
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -713.26
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -841.62
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -697.22
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -969.98
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -303.39
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -247.94
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -354.58
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -437.23
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -364.77
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -324.31
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -301.73
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -310.51
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -315.53
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -296.71
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -4438.1
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -9913.3
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -3012.3
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -277.66
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -335.60
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -290.44
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -309.57
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -296.59
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -270.60
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -267.27
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -290.60
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -298.59
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -340.58
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 531 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -292.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 532 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.93 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 533 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -294.53 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 534 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -906.74 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 535 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -720.99 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 536 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1015.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 537 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2038.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 538 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -643.70 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 539 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -237.10 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 540 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -238.89 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 541 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -220.13 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 542 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -307.20 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 543 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -350.07 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 544 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.00 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 545 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -235.31 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 546 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -240.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 547 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -218.35 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 548 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -257.64 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 549 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -213.43 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 550 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -296.93 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 551 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -92.875 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 565 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1569.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 566 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2243.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 567 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2766.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 568 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2308.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 569 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2052.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 570 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1909.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 571 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1965.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 572 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1996.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 573 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1877.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 574 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -16778. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 575 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -36213. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 576 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11662. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 577 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1757.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 578 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2123.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 579 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1838.0 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1959.0
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1876.9
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1712.4
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1691.3
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1839.0
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1889.6
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2155.3
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1712.4
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1851.6
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1936.0
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1719.8
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -2135.9
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1392.7
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -911.74
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1790.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -423.31
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -541.38
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2048.3
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2900.5
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.0
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2988.9
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2575.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2465.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2517.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2523.0
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2460.1
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -40345.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -80101.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -18906.
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2330.7
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2652.0
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2388.8
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2503.8
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2357.3
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2270.0
0.00000E+00   0.00000E+00   0.00000E+00
```

```
640        0        0   0.00000E+00   0.00000E+00   -2125.9
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2313.1
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2487.7
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643        0        0   0.00000E+00   0.00000E+00   -2690.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2211.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2411.4
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2416.6
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2231.6
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2492.9
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1472.9
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0095
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651        0        0   0.00000E+00   0.00000E+00   -9.8402
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2.3259
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1372.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2198.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1931.5
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2645.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2741.7
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683        0        0   0.00000E+00   0.00000E+00   -2105.6
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2239.1
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685        0        0   0.00000E+00   0.00000E+00   -2226.6
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686        0        0   0.00000E+00   0.00000E+00   -2118.1
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687        0        0   0.00000E+00   0.00000E+00   -2347.6
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688        0        0   0.00000E+00   0.00000E+00   -41183.
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689        0        0   0.00000E+00   0.00000E+00   -72123.
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690        0        0   0.00000E+00   0.00000E+00   -10556.
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691        0        0   0.00000E+00   0.00000E+00   -2312.4
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2125.2
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2219.5
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2193.6
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1933.2
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696        0        0   0.00000E+00   0.00000E+00   -2248.2
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697        0        0   0.00000E+00   0.00000E+00   -1748.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1908.0
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2411.1
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2151.0
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0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -2010.4
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2255.8
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703        0        0   0.00000E+00   0.00000E+00   -1933.5
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -2091.9
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2174.8
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -968.20
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -383.03
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734        0        0   0.00000E+00   0.00000E+00   -3383.5
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -4008.3
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736        0        0   0.00000E+00   0.00000E+00   -4234.9
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737        0        0   0.00000E+00   0.00000E+00   -4974.4
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738        0        0   0.00000E+00   0.00000E+00   -6089.2
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739        0        0   0.00000E+00   0.00000E+00   -5125.9
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740        0        0   0.00000E+00   0.00000E+00   -4526.9
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741        0        0   0.00000E+00   0.00000E+00   -4055.2
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742        0        0   0.00000E+00   0.00000E+00   -4615.9
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743        0        0   0.00000E+00   0.00000E+00   -4010.6
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744        0        0   0.00000E+00   0.00000E+00   -4616.1
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745        0        0   0.00000E+00   0.00000E+00   -87338.
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746        0        0   0.00000E+00   0.00000E+00  -0.15297E+06
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747        0        0   0.00000E+00   0.00000E+00   -22079.
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748        0        0   0.00000E+00   0.00000E+00   -4394.4
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749        0        0   0.00000E+00   0.00000E+00   -4265.8
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750        0        0   0.00000E+00   0.00000E+00   -4277.1
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751        0        0   0.00000E+00   0.00000E+00   -4330.6
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752        0        0   0.00000E+00   0.00000E+00   -3763.0
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -4430.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3403.4
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755        0        0   0.00000E+00   0.00000E+00   -3677.4
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4823.5
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4088.0
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758        0        0   0.00000E+00   0.00000E+00   -4138.9
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4191.0
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -3763.0
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -4395.0
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762        0        0   0.00000E+00   0.00000E+00   -3934.9
0.00000E+00   0.00000E+00   0.00000E+00
```

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       763        0        0   0.00000E+00   0.00000E+00   -1523.5
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       790        0        0   0.00000E+00   0.00000E+00   -1185.0
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       791        0        0   0.00000E+00   0.00000E+00   -7539.4
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -7711.1
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       793        0        0   0.00000E+00   0.00000E+00   -8999.1
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       794        0        0   0.00000E+00   0.00000E+00   -9772.0
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       795        0        0   0.00000E+00   0.00000E+00   -12228.
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       796        0        0   0.00000E+00   0.00000E+00   -10036.
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       797        0        0   0.00000E+00   0.00000E+00   -9536.6
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       798        0        0   0.00000E+00   0.00000E+00   -7790.9
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -9552.8
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       800        0        0   0.00000E+00   0.00000E+00   -7912.1
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       801        0        0   0.00000E+00   0.00000E+00   -9294.1
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       802        0        0   0.00000E+00   0.00000E+00   -65527.
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       803        0        0   0.00000E+00   0.00000E+00  -0.11140E+06
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       804        0        0   0.00000E+00   0.00000E+00   -20452.
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       805        0        0   0.00000E+00   0.00000E+00   -8682.1
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       806        0        0   0.00000E+00   0.00000E+00   -8688.0
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -8518.3
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -8740.5
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       809        0        0   0.00000E+00   0.00000E+00   -7539.4
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       810        0        0   0.00000E+00   0.00000E+00   -8930.5
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -6818.1
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       812        0        0   0.00000E+00   0.00000E+00   -7327.6
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       813        0        0   0.00000E+00   0.00000E+00   -9800.6
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       814        0        0   0.00000E+00   0.00000E+00   -8083.2
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       815        0        0   0.00000E+00   0.00000E+00   -8535.5
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -8174.8
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -7539.4
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -9153.7
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       819        0        0   0.00000E+00   0.00000E+00   -7556.5
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       820        0        0   0.00000E+00   0.00000E+00   -2662.0
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       847        0        0   0.00000E+00   0.00000E+00   -522.68
0.00000E+00   0.00000E+00   0.00000E+00
       848        0        0   0.00000E+00   0.00000E+00   -3325.4
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -3401.2
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -3969.3
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -4310.2
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5393.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4426.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4206.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3436.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4213.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3489.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4099.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55228. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -96044. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14765. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3829.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3832.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3757.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3855.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3325.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3939.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3007.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3232.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4322.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3565.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3764.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3605.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3325.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4037.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3333.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1174.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 247
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 647

CDM_TRsx - My (My) @ 58 (+X) - Negative - Frequent

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|

| | MX | MY | MZ | | |
|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -498.75 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1103.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -865.02 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -719.33 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -847.87 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.97 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -966.52 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1147.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -998.66 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -729.22 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -744.05 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -823.15 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.97 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -803.38 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -949.22 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1147.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -941.80 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -768.77 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -583.37 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -121.39 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -368.13 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -436.88 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -391.37 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -284.55 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -330.99 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -292.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -322.94 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -300.65 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -326.24 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5527.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9550.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2249.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -298.79 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -324.80 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.95 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 524 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -327.33 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

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525        0        0   0.00000E+00   0.00000E+00   -269.11
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -257.59
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -281.17
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -311.43
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -332.49
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -279.96
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -281.94
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -314.83
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -269.11
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -514.97
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -465.24
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1027.5
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2087.5
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -933.76
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -220.20
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -259.55
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -216.42
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -295.87
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.11
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -305.71
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -223.23
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -227.77
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -251.98
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -216.42
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -245.93
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -290.58
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.11
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -288.31
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -235.34
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -178.58
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -768.21
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2329.6
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2764.7
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2476.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -1800.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2094.6
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1851.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2043.7
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -1902.6
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -2064.6
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -20586.
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -34945.
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -8890.7
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -1890.8
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2055.4
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1739.9
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -2071.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1703.0
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1630.1
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1779.3
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1970.8
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2104.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1771.7
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1784.2
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1992.3
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1703.0
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1998.1
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1323.2
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -922.59
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1845.2
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -705.51
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -541.38
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -1244.6
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2986.5
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3537.8
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -3157.8
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2323.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2651.1
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2404.1
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2570.0
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2485.1
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -2588.4
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 632 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -49645. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 633 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -76628. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 634 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12898. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 635 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2418.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 636 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2607.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 637 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2283.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 638 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2552.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 639 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2260.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 640 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2064.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 641 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2253.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 642 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2569.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 643 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2638.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 644 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2270.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 645 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2343.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 646 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2473.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 647 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2222.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 648 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2474.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 649 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1482.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 650 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5.0692 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 651 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10.138 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 652 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3.8764 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 677 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1372.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 678 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2198.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 679 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1927.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 680 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2645.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 681 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3113.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 682 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2742.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 683 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2104.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 684 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2240.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 685 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2226.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 686 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2118.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 687 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2347.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 688 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2107.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 689 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -50380. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 690 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -68119. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 691 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5566.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 692 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2123.9 |

```
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -2220.7
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -2192.4
0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -1934.2
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -2248.1
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -1748.4
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -1907.7
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -2411.6
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -2150.7
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -2010.7
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -2255.4
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -1933.8
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -2091.9
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -2174.7
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -968.25
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -381.15
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -3389.8
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -3985.7
0.00000E+00   0.00000E+00   0.00000E+00
736       0       0   0.00000E+00   0.00000E+00   -4265.0
0.00000E+00   0.00000E+00   0.00000E+00
737       0       0   0.00000E+00   0.00000E+00   -4964.1
0.00000E+00   0.00000E+00   0.00000E+00
738       0       0   0.00000E+00   0.00000E+00   -6090.6
0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -5115.2
0.00000E+00   0.00000E+00   0.00000E+00
740       0       0   0.00000E+00   0.00000E+00   -4536.2
0.00000E+00   0.00000E+00   0.00000E+00
741       0       0   0.00000E+00   0.00000E+00   -4100.6
0.00000E+00   0.00000E+00   0.00000E+00
742       0       0   0.00000E+00   0.00000E+00   -4512.3
0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -4124.6
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -4488.3
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00   -4278.6
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00  -0.10666E+06
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00  -0.14479E+06
0.00000E+00   0.00000E+00   0.00000E+00
748       0       0   0.00000E+00   0.00000E+00   -11031.
0.00000E+00   0.00000E+00   0.00000E+00
749       0       0   0.00000E+00   0.00000E+00   -4452.2
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -4076.9
0.00000E+00   0.00000E+00   0.00000E+00
751       0       0   0.00000E+00   0.00000E+00   -4527.2
0.00000E+00   0.00000E+00   0.00000E+00
752       0       0   0.00000E+00   0.00000E+00   -3769.3
0.00000E+00   0.00000E+00   0.00000E+00
753       0       0   0.00000E+00   0.00000E+00   -4184.1
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -3567.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       755        0        0   0.00000E+00   0.00000E+00   -3801.5
0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -4578.3
0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -4312.7
0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -3833.0
0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -4504.3
0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -3769.3
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -4056.8
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -4280.5
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -1884.7
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -1179.2
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -7558.9
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -7640.9
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -9092.2
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -9740.1
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -10003.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -9565.6
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -7931.3
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -9232.2
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -8264.7
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -8898.9
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -8764.0
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00   -79149.
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00  -0.10523E+06
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -12834.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -9264.8
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -7898.8
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -9348.9
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -7558.9
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -8167.9
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -7325.6
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -7711.5
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -9041.8
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -8778.4
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -7589.1
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -9144.1
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -7558.9
```

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 0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -8107.4
 0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8625.7
 0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -3779.4
 0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -520.11
 0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -3334.0
 0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -3370.2
 0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -4010.4
 0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4296.2
 0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5395.4
 0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4411.9
 0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4219.2
 0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3498.3
 0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -4072.1
 0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3645.4
 0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3925.1
 0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -3865.6
 0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -67220.
 0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -90929.
 0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -7814.7
 0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -4086.5
 0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3484.0
 0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -4123.6
 0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -3334.0
 0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -3602.7
 0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -3231.2
 0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -3401.4
 0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -3988.2
 0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -3871.9
 0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -3347.4
 0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -4033.2
 0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -3334.0
 0.00000E+00   0.00000E+00   0.00000E+00
875        0        0   0.00000E+00   0.00000E+00   -3576.0
 0.00000E+00   0.00000E+00   0.00000E+00
876        0        0   0.00000E+00   0.00000E+00   -3804.6
 0.00000E+00   0.00000E+00   0.00000E+00
877        0        0   0.00000E+00   0.00000E+00   -1667.0
 0.00000E+00   0.00000E+00   0.00000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =          253
    LARGEST NODE OR ELEMENT NUMBER              =          877
```

L O A D C A S E 648

CDM_TRsx - My (My) @ 60.5 - Negative - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -490.46 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1116.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -782.05 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -791.75 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -758.55 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -748.59 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.63 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1142.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -921.22 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -824.95 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -725.35 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -781.79 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -768.51 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -280.51 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -247.94 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -354.58 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.23 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -364.77 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -324.31 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -301.73 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -310.51 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -315.53 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -296.71 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -336.55 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.26 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4802.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9603.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2941.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

| | | | | | |
|---|---|---|---|---|---|
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -290.44 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -309.57 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 524 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -296.59 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 525 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 526 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -267.27 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -290.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 528 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -298.59 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 529 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -340.58 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 531 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -292.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 532 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.93 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 533 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 534 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -308.59 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 535 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -194.62 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 536 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1014.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 537 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2040.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 538 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -640.78 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 539 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -242.37 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 540 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -232.21 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 541 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -229.16 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 542 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -300.81 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 543 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -349.58 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 544 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -282.01 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 545 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -252.53 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 546 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -222.05 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 547 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -239.32 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 548 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -235.26 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 549 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -85.872 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 565 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1569.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 566 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2243.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 567 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2766.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 568 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2308.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 569 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2052.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 570 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1909.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 571 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1965.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 572 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1996.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 573 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1877.7 |

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0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -2129.7
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -1855.8
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -18054.
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -35065.
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -11430.
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1838.0
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1959.0
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1876.9
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1712.4
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1691.3
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1839.0
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1889.6
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2155.3
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1712.4
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1851.6
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1936.0
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1712.4
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1952.8
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1231.6
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -911.74
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1790.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -423.31
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -541.38
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2048.3
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2900.5
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.0
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2988.9
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2575.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2465.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2517.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2523.0
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2460.1
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -2653.8
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -2455.7
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -38476.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
634        0        0   0.00000E+00   0.00000E+00   -77184.
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -23566.
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2388.8
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2503.8
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2357.3
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2270.0
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2125.9
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2313.1
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2487.7
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2690.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2211.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2411.4
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2416.6
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2231.6
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2492.9
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1472.9
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0095
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -9.8402
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2.3259
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1372.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2198.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1931.5
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2645.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2741.7
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2105.6
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2239.1
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2226.6
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2118.1
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2347.6
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2108.2
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2418.3
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -33977.
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -69029.
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -20766.
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2219.5
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2193.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -1933.2
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -2248.2
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -1748.7
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -1908.0
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -2411.1
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -2151.0
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -2010.4
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -2255.8
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -1933.5
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -2091.9
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -2174.8
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -968.20
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -381.15
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -3389.8
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -3985.7
0.00000E+00   0.00000E+00   0.00000E+00
736       0       0   0.00000E+00   0.00000E+00   -4265.0
0.00000E+00   0.00000E+00   0.00000E+00
737       0       0   0.00000E+00   0.00000E+00   -4964.1
0.00000E+00   0.00000E+00   0.00000E+00
738       0       0   0.00000E+00   0.00000E+00   -6090.6
0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -5115.2
0.00000E+00   0.00000E+00   0.00000E+00
740       0       0   0.00000E+00   0.00000E+00   -4536.2
0.00000E+00   0.00000E+00   0.00000E+00
741       0       0   0.00000E+00   0.00000E+00   -4100.6
0.00000E+00   0.00000E+00   0.00000E+00
742       0       0   0.00000E+00   0.00000E+00   -4512.3
0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -4124.6
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -4488.3
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00   -4278.6
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00   -4546.8
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -72169.
0.00000E+00   0.00000E+00   0.00000E+00
748       0       0   0.00000E+00   0.00000E+00  -0.14612E+06
0.00000E+00   0.00000E+00   0.00000E+00
749       0       0   0.00000E+00   0.00000E+00   -44097.
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -4076.9
0.00000E+00   0.00000E+00   0.00000E+00
751       0       0   0.00000E+00   0.00000E+00   -4527.2
0.00000E+00   0.00000E+00   0.00000E+00
752       0       0   0.00000E+00   0.00000E+00   -3769.3
0.00000E+00   0.00000E+00   0.00000E+00
753       0       0   0.00000E+00   0.00000E+00   -4184.1
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -3567.4
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -3801.5
0.00000E+00   0.00000E+00   0.00000E+00
756       0       0   0.00000E+00   0.00000E+00   -4578.3
0.00000E+00   0.00000E+00   0.00000E+00
```

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       757        0        0   0.00000E+00   0.00000E+00   -4312.7
   0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -3833.0
   0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -4504.3
   0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -3769.3
   0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -4056.8
   0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -4280.5
   0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -1884.7
   0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -1179.2
   0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -7558.9
   0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -7640.9
   0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -9092.2
   0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -9740.1
   0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -12232.
   0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -10003.
   0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -9565.6
   0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -7931.3
   0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -9232.2
   0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -8264.7
   0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -8898.9
   0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -8764.0
   0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00   -8928.8
   0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -55295.
   0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00  -0.10573E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -36527.
   0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -7898.8
   0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -9348.9
   0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -7558.9
   0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -8167.9
   0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -7325.6
   0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -7711.5
   0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -9041.8
   0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -8778.4
   0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -7589.1
   0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -9144.1
   0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -7558.9
   0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -8107.4
   0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -8625.7
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -3779.4
 0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -520.11
 0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -3334.0
 0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -3370.2
 0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -4010.4
 0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4296.2
 0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5395.4
 0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4411.9
 0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4219.2
 0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3498.3
 0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -4072.1
 0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3645.4
 0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3925.1
 0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -3865.6
 0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -3938.3
 0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -45929.
 0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -91528.
 0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -28654.
 0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3484.0
 0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -4123.6
 0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -3334.0
 0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -3602.7
 0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -3231.2
 0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -3401.4
 0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -3988.2
 0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -3871.9
 0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -3347.4
 0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -4033.2
 0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -3334.0
 0.00000E+00   0.00000E+00   0.00000E+00
875        0        0   0.00000E+00   0.00000E+00   -3576.0
 0.00000E+00   0.00000E+00   0.00000E+00
876        0        0   0.00000E+00   0.00000E+00   -3804.6
 0.00000E+00   0.00000E+00   0.00000E+00
877        0        0   0.00000E+00   0.00000E+00   -1667.0
 0.00000E+00   0.00000E+00   0.00000E+00

     NUMBER OF LOADED NODES OR ELEMENTS          =          243
     LARGEST NODE OR ELEMENT NUMBER              =          877
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L O A D C A S E 649

CDM_TRsx - My (My) @ 64 - Negative - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| FORCE MX | FORCE MY | FORCE MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -488.10 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1123.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -769.21 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -814.20 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -729.51 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -787.25 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -954.71 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1139.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -939.31 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -810.35 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -689.09 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -148.21 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.340 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.33 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.35 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.35 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -360.56 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -337.91 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -280.62 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -338.54 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.67 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -321.81 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -311.37 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -318.11 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.87 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -285.61 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -821.40 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9738.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6793.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 524 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -280.89 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

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525        0        0   0.00000E+00   0.00000E+00   -273.84
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -273.68
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -286.42
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -301.85
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -334.21
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -271.33
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -297.99
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -301.35
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -271.33
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -310.07
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -193.85
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1013.9
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -2041.9
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -636.85
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -249.25
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -223.32
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -241.00
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -292.26
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -348.83
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -287.55
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -248.07
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -210.95
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -45.371
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -179.34
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2255.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2281.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2138.4
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1775.8
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2142.4
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1826.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -2036.5
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -1970.4
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2013.1
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1935.6
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1807.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -3867.7
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -35553.
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -25163.
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1777.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1733.0
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1731.9
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1812.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1910.2
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2115.0
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1885.8
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1907.0
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1962.2
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1226.8
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -911.74
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1790.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -423.31
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -721.37
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2196.9
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2911.7
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.8
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2962.1
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2662.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2331.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2695.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2352.4
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2619.6
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -2493.9
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -2613.5
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2424.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2381.1
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6545.6
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -78236.
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -54513.
0.00000E+00   0.00000E+00   0.00000E+00
```

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638        0        0   0.00000E+00   0.00000E+00   -2257.6
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2290.6
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2166.6
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2286.6
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2508.4
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2649.5
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2216.1
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2445.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2387.5
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2236.2
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2502.3
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1468.0
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0095
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -9.8402
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2.3259
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1372.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2199.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1932.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2645.3
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2741.5
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2106.1
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2238.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2227.6
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2117.1
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2348.5
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2107.3
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2419.2
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -1967.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2312.7
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5577.2
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -69877.
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -48450.
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2248.3
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1748.9
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1907.9
```

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      0.00000E+00   0.00000E+00   0.00000E+00
      699        0        0   0.00000E+00   0.00000E+00   -2411.2
      0.00000E+00   0.00000E+00   0.00000E+00
      700        0        0   0.00000E+00   0.00000E+00   -2150.8
      0.00000E+00   0.00000E+00   0.00000E+00
      701        0        0   0.00000E+00   0.00000E+00   -2010.4
      0.00000E+00   0.00000E+00   0.00000E+00
      702        0        0   0.00000E+00   0.00000E+00   -2255.9
      0.00000E+00   0.00000E+00   0.00000E+00
      703        0        0   0.00000E+00   0.00000E+00   -1933.3
      0.00000E+00   0.00000E+00   0.00000E+00
      704        0        0   0.00000E+00   0.00000E+00   -2092.0
      0.00000E+00   0.00000E+00   0.00000E+00
      705        0        0   0.00000E+00   0.00000E+00   -2174.8
      0.00000E+00   0.00000E+00   0.00000E+00
      706        0        0   0.00000E+00   0.00000E+00   -968.17
      0.00000E+00   0.00000E+00   0.00000E+00
      733        0        0   0.00000E+00   0.00000E+00   -381.15
      0.00000E+00   0.00000E+00   0.00000E+00
      734        0        0   0.00000E+00   0.00000E+00   -3389.8
      0.00000E+00   0.00000E+00   0.00000E+00
      735        0        0   0.00000E+00   0.00000E+00   -3985.7
      0.00000E+00   0.00000E+00   0.00000E+00
      736        0        0   0.00000E+00   0.00000E+00   -4265.0
      0.00000E+00   0.00000E+00   0.00000E+00
      737        0        0   0.00000E+00   0.00000E+00   -4964.1
      0.00000E+00   0.00000E+00   0.00000E+00
      738        0        0   0.00000E+00   0.00000E+00   -6090.6
      0.00000E+00   0.00000E+00   0.00000E+00
      739        0        0   0.00000E+00   0.00000E+00   -5115.2
      0.00000E+00   0.00000E+00   0.00000E+00
      740        0        0   0.00000E+00   0.00000E+00   -4536.2
      0.00000E+00   0.00000E+00   0.00000E+00
      741        0        0   0.00000E+00   0.00000E+00   -4100.6
      0.00000E+00   0.00000E+00   0.00000E+00
      742        0        0   0.00000E+00   0.00000E+00   -4512.3
      0.00000E+00   0.00000E+00   0.00000E+00
      743        0        0   0.00000E+00   0.00000E+00   -4124.6
      0.00000E+00   0.00000E+00   0.00000E+00
      744        0        0   0.00000E+00   0.00000E+00   -4488.3
      0.00000E+00   0.00000E+00   0.00000E+00
      745        0        0   0.00000E+00   0.00000E+00   -4278.6
      0.00000E+00   0.00000E+00   0.00000E+00
      746        0        0   0.00000E+00   0.00000E+00   -4546.8
      0.00000E+00   0.00000E+00   0.00000E+00
      747        0        0   0.00000E+00   0.00000E+00   -4091.0
      0.00000E+00   0.00000E+00   0.00000E+00
      748        0        0   0.00000E+00   0.00000E+00   -4223.3
      0.00000E+00   0.00000E+00   0.00000E+00
      749        0        0   0.00000E+00   0.00000E+00   -11794.
      0.00000E+00   0.00000E+00   0.00000E+00
      750        0        0   0.00000E+00   0.00000E+00  -0.14797E+06
      0.00000E+00   0.00000E+00   0.00000E+00
      751        0        0   0.00000E+00   0.00000E+00  -0.10291E+06
      0.00000E+00   0.00000E+00   0.00000E+00
      752        0        0   0.00000E+00   0.00000E+00   -3769.3
      0.00000E+00   0.00000E+00   0.00000E+00
      753        0        0   0.00000E+00   0.00000E+00   -4184.1
      0.00000E+00   0.00000E+00   0.00000E+00
      754        0        0   0.00000E+00   0.00000E+00   -3567.4
      0.00000E+00   0.00000E+00   0.00000E+00
      755        0        0   0.00000E+00   0.00000E+00   -3801.5
      0.00000E+00   0.00000E+00   0.00000E+00
      756        0        0   0.00000E+00   0.00000E+00   -4578.3
      0.00000E+00   0.00000E+00   0.00000E+00
      757        0        0   0.00000E+00   0.00000E+00   -4312.7
      0.00000E+00   0.00000E+00   0.00000E+00
      758        0        0   0.00000E+00   0.00000E+00   -3833.0
      0.00000E+00   0.00000E+00   0.00000E+00
      759        0        0   0.00000E+00   0.00000E+00   -4504.3
      0.00000E+00   0.00000E+00   0.00000E+00
      760        0        0   0.00000E+00   0.00000E+00   -3769.3
      0.00000E+00   0.00000E+00   0.00000E+00
```

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761        0        0   0.00000E+00   0.00000E+00   -4056.8
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4280.5
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -1884.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -1179.2
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7558.9
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -7640.9
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -9092.2
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9740.1
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12232.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10003.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9565.6
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7931.3
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9232.2
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8264.7
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -8898.9
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -8764.0
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -8928.8
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -8481.6
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8152.7
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -14313.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00  -0.10685E+06
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -76999.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7558.9
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -8167.9
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7325.6
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -7711.5
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -9041.8
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -8778.4
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7589.1
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -9144.1
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -7558.9
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -8107.4
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8625.7
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -3779.4
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -520.11
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -3334.0
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -3370.2
```

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 0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -4010.4
 0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4296.2
 0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5395.4
 0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4411.9
 0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4219.2
 0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3498.3
 0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -4072.1
 0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3645.4
 0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3925.1
 0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -3865.6
 0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -3938.3
 0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -3741.1
 0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -3596.0
 0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -8636.1
 0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -92657.
 0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -65089.
 0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -3334.0
 0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -3602.7
 0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -3231.2
 0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -3401.4
 0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -3988.2
 0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -3871.9
 0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -3347.4
 0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -4033.2
 0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -3334.0
 0.00000E+00   0.00000E+00   0.00000E+00
875        0        0   0.00000E+00   0.00000E+00   -3576.0
 0.00000E+00   0.00000E+00   0.00000E+00
876        0        0   0.00000E+00   0.00000E+00   -3804.6
 0.00000E+00   0.00000E+00   0.00000E+00
877        0        0   0.00000E+00   0.00000E+00   -1667.0
 0.00000E+00   0.00000E+00   0.00000E+00

     NUMBER OF LOADED NODES OR ELEMENTS          =          241
     LARGEST NODE OR ELEMENT NUMBER              =          877



     L O A D   C A S E       650

CDM_TRsx - My (My) @ 70 (-X) - Negative - Frequent
```

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -490.19 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1096.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -738.00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -815.94 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -727.23 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -790.26 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -952.51 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1139.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -892.98 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -115.56 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.340 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.33 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.35 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.35 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -360.56 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -337.91 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -280.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -338.54 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.67 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -321.81 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -311.37 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -318.11 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.87 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -285.61 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -338.86 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -280.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -327.18 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 524 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -280.89 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 525 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6426.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 526 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8887.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1927.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 528 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -301.85 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 529 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -334.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.33 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

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531        0        0   0.00000E+00   0.00000E+00   -297.99
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -301.35
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -271.33
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -310.07
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -193.85
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1028.3
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1872.7
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -445.48
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -249.78
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -222.62
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -241.92
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -291.59
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -348.76
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -273.36
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -35.376
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -179.34
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2255.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2281.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2138.4
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1775.8
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2142.4
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1826.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -2036.5
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -1970.4
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2013.1
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1935.6
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1807.4
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2144.4
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1775.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2070.5
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1777.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -23706.
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -32494.
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -7671.9
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1910.2
```

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0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2115.0
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1885.8
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1907.0
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1962.2
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1226.8
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -926.21
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1620.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -231.55
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -721.37
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2196.9
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2911.7
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.8
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2962.1
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2662.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2331.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2695.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2352.4
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2619.6
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -2493.9
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -2613.5
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2424.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2381.1
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2672.7
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2326.4
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2615.6
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2257.6
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -46303.
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -69509.
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -22611.
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2508.4
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2649.5
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2216.1
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2445.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
646        0        0   0.00000E+00   0.00000E+00   -2387.5
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2236.2
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2502.3
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1468.0
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0891
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -8.9059
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -1.2723
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1372.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2199.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1932.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2645.3
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2741.5
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2106.1
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2238.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2227.6
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2117.1
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2348.5
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2107.3
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2419.2
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -1967.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2312.7
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2125.3
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2219.2
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2194.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -35311.
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -59716.
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -28244.
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2411.2
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2150.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -2010.4
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2255.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -1933.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -2092.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2174.8
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -968.17
```

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0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -379.22
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -3396.0
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -3965.3
0.00000E+00   0.00000E+00   0.00000E+00
736       0       0   0.00000E+00   0.00000E+00   -4289.6
0.00000E+00   0.00000E+00   0.00000E+00
737       0       0   0.00000E+00   0.00000E+00   -4956.2
0.00000E+00   0.00000E+00   0.00000E+00
738       0       0   0.00000E+00   0.00000E+00   -6091.8
0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -5149.1
0.00000E+00   0.00000E+00   0.00000E+00
740       0       0   0.00000E+00   0.00000E+00   -4455.6
0.00000E+00   0.00000E+00   0.00000E+00
741       0       0   0.00000E+00   0.00000E+00   -4191.3
0.00000E+00   0.00000E+00   0.00000E+00
742       0       0   0.00000E+00   0.00000E+00   -4407.2
0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -4239.7
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -4358.8
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00   -4426.7
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00   -4375.8
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -4258.6
0.00000E+00   0.00000E+00   0.00000E+00
748       0       0   0.00000E+00   0.00000E+00   -4100.1
0.00000E+00   0.00000E+00   0.00000E+00
749       0       0   0.00000E+00   0.00000E+00   -4540.2
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -4106.7
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751       0       0   0.00000E+00   0.00000E+00   -4349.8
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752       0       0   0.00000E+00   0.00000E+00   -3969.4
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753       0       0   0.00000E+00   0.00000E+00   -62605.
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00  -0.12301E+06
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -75572.
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756       0       0   0.00000E+00   0.00000E+00   -4352.3
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757       0       0   0.00000E+00   0.00000E+00   -4539.9
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758       0       0   0.00000E+00   0.00000E+00   -3829.4
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759       0       0   0.00000E+00   0.00000E+00   -4208.8
0.00000E+00   0.00000E+00   0.00000E+00
760       0       0   0.00000E+00   0.00000E+00   -4081.7
0.00000E+00   0.00000E+00   0.00000E+00
761       0       0   0.00000E+00   0.00000E+00   -3885.7
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00   -4287.4
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -2421.5
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -1173.2
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -9168.4
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -9715.9
0.00000E+00   0.00000E+00   0.00000E+00
```

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795        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10107.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9316.1
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -8211.9
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -8907.2
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8620.9
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -8498.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -9222.1
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -8399.7
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -9000.1
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -7771.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9537.0
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7991.1
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -8799.8
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -8177.7
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -39762.
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811        0        0   0.00000E+00   0.00000E+00   -86905.
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812        0        0   0.00000E+00   0.00000E+00   -68246.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8342.8
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814        0        0   0.00000E+00   0.00000E+00   -9481.3
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815        0        0   0.00000E+00   0.00000E+00   -7578.1
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816        0        0   0.00000E+00   0.00000E+00   -8229.8
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8525.3
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8647.0
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5440.2
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -517.48
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -3342.5
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -3342.5
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -4044.0
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4285.5
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5397.1
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4458.2
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4109.1
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3622.1
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -3928.8
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3802.5
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3748.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4067.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3704.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3969.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3427.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4206.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3524.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3881.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3607.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -32346. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -74859. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -57744. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3679.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4182.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3342.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3630.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3760.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3342.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3814.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2399.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 237
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 651

CDM_TRsx - My (My) @ 70 (+X) - Negative - Frequent

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -490.19 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1096.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -738.00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -815.94 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -727.23 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -790.26 | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -952.51
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1139.3
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -892.98
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -115.56
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -28.340
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -271.33
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -356.35
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -437.35
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -360.56
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -337.91
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -280.62
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -338.54
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -288.67
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -321.81
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -311.37
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -318.11
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -305.87
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -285.61
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -338.86
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -280.62
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -327.18
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -280.89
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -3350.0
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -7861.6
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -6028.6
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -301.85
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -334.21
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -271.33
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -297.99
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -301.35
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -271.33
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -310.07
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -193.85
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1028.3
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1872.7
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -445.48
0.00000E+00   0.00000E+00   0.00000E+00
```

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539        0        0   0.00000E+00   0.00000E+00   -249.78
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -222.62
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -241.92
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -291.59
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -348.76
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -273.36
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -35.376
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -179.34
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2255.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2281.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2138.4
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1775.8
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2142.4
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1826.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -2036.5
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -1970.4
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2013.1
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1935.6
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1807.4
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2144.4
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1775.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2070.5
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1777.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -12719.
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -28832.
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -22320.
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1910.2
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2115.0
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1885.8
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1907.0
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1717.0
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1962.2
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -1226.8
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -926.21
```

```
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1620.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -231.55
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -721.37
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2196.9
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2911.7
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.8
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2962.1
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2662.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2331.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2695.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2352.4
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2619.6
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -2493.9
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -2613.5
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2424.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2381.1
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2672.7
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2326.4
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2615.6
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2257.6
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -16246.
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -50902.
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -57916.
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -15867.
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2649.5
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2216.1
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2445.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2387.5
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2236.2
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2502.3
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1468.0
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0891
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -8.9059
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -1.2723
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1372.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
678        0        0   0.00000E+00   0.00000E+00   -2199.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1932.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2645.3
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2741.5
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2106.1
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2238.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2227.6
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2117.1
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2348.5
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2107.3
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2419.2
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -1967.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2312.7
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2125.3
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2219.2
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2194.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1932.6
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2355.7
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -31212.
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -62452.
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -29663.
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2150.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -2010.4
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2255.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -1933.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -2092.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2174.8
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -968.17
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -379.22
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3396.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3965.3
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4289.6
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -4956.2
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.8
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5149.1
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4455.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4191.3
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4407.2
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4239.7
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4358.8
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -4426.7
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -4375.8
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -4258.6
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -4100.1
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4540.2
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4106.7
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4349.8
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -3969.4
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3993.4
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -66034.
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00  -0.13292E+06
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -62597.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4539.9
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3829.4
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4208.8
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4081.7
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3885.7
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4287.4
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2421.5
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -1173.2
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -9168.4
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9715.9
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10107.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9316.1
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -8211.9
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -8907.2
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8620.9
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -8498.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -9222.1
0.00000E+00   0.00000E+00   0.00000E+00
```

```
803        0        0   0.00000E+00   0.00000E+00   -8399.7
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -9000.1
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -7771.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9537.0
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7991.1
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -8799.8
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -8177.7
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -50429.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -96854.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -48394.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9481.3
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8229.8
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8525.3
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8647.0
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5440.2
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -517.48
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -3342.5
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -3342.5
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -4044.0
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4285.5
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5397.1
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4458.2
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4109.1
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3622.1
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -3928.8
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3802.5
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3748.4
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -4067.7
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -3704.9
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -3969.8
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -3427.9
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -4206.5
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3524.7
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -3881.4
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3607.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3342.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -41988. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -83525. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -39774. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4182.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3342.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3630.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3760.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3342.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3814.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2399.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 237
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 652

CDM_TRsx - My (My) @ 75.5 - Negative - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -492.40 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1091.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -749.98 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -795.07 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -754.30 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -754.30 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -978.55 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1141.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -570.82 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.660 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.58 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.23 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -364.77 | |

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0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -330.59
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -281.66
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -344.39
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -279.77
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -334.35
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -296.82
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -335.27
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -288.90
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -303.50
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -319.29
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -292.95
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -324.74
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -270.60
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -300.59
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -255.94
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -272.82
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -328.81
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -6974.5
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -9298.7
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1041.0
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -270.60
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -291.26
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -307.26
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -135.30
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1029.0
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -1870.9
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -449.14
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -243.39
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -230.91
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -230.91
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -299.56
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -349.48
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -174.74
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -181.37
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1712.4
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2256.5
0.00000E+00   0.00000E+00   0.00000E+00
```

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567        0        0   0.00000E+00   0.00000E+00   -2766.9
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2308.4
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2092.0
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1782.4
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2179.4
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1770.5
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -2115.8
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -1878.3
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2121.7
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1828.2
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1920.6
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2020.6
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1853.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2055.1
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1712.4
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1902.2
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1619.6
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1726.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -2080.8
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -25762.
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -33969.
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4609.1
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1712.4
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1843.2
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1944.4
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -856.21
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -926.21
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1620.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -231.55
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -338.05
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -723.40
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2192.2
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2913.2
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.0
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2988.9
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2615.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2337.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2733.0
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2295.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2699.2
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -2401.5
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -2722.5
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2316.8
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2494.7
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2548.4
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2404.7
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2600.1
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2192.2
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2460.5
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2053.9
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2200.2
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2679.6
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -50620.
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -74665.
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -13734.
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2192.2
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2362.8
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2484.5
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -1096.1
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0891
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -8.9059
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -1.2723
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1372.5
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2199.0
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1932.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2645.3
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3113.5
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2741.7
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2105.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2238.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2227.8
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2116.8
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2348.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
688        0        0   0.00000E+00   0.00000E+00   -2106.8
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2419.8
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -1966.9
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2313.3
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2124.6
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2219.6
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2194.1
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1932.3
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2249.2
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1748.3
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1907.4
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2412.2
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -38881.
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -66562.
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -18341.
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -1932.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -2092.6
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2174.7
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -966.13
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -379.22
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3396.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3965.3
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4289.6
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -4956.2
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.8
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5149.1
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4455.6
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4191.3
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4407.2
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4239.7
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4358.8
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -4426.7
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -4375.8
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -4258.6
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -4100.1
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4540.2
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4106.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4349.8
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -3969.4
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3993.4
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3629.4
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3949.4
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4352.3
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -82546.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00  -0.14112E+06
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -38531.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4081.7
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3885.7
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4287.4
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2421.5
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -1173.2
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -9168.4
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9715.9
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10107.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9316.1
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -8211.9
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -8907.2
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8620.9
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -8498.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -9222.1
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00   -8399.7
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -9000.1
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -7771.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9537.0
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7991.1
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -8799.8
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -8177.7
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7517.2
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8169.0
0.00000E+00   0.00000E+00   0.00000E+00
```

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       813        0        0   0.00000E+00   0.00000E+00   -8342.8
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -63121.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00  -0.10198E+06
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -31831.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -8525.3
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -7578.1
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -8647.0
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -5440.2
0.00000E+00   0.00000E+00   0.00000E+00
       847        0        0   0.00000E+00   0.00000E+00   -517.48
0.00000E+00   0.00000E+00   0.00000E+00
       848        0        0   0.00000E+00   0.00000E+00   -3342.5
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -3342.5
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -4044.0
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -4285.5
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -5397.1
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -4458.2
0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -4109.1
0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -3622.1
0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -3928.8
0.00000E+00   0.00000E+00   0.00000E+00
       857        0        0   0.00000E+00   0.00000E+00   -3802.5
0.00000E+00   0.00000E+00   0.00000E+00
       858        0        0   0.00000E+00   0.00000E+00   -3748.4
0.00000E+00   0.00000E+00   0.00000E+00
       859        0        0   0.00000E+00   0.00000E+00   -4067.7
0.00000E+00   0.00000E+00   0.00000E+00
       860        0        0   0.00000E+00   0.00000E+00   -3704.9
0.00000E+00   0.00000E+00   0.00000E+00
       861        0        0   0.00000E+00   0.00000E+00   -3969.8
0.00000E+00   0.00000E+00   0.00000E+00
       862        0        0   0.00000E+00   0.00000E+00   -3427.9
0.00000E+00   0.00000E+00   0.00000E+00
       863        0        0   0.00000E+00   0.00000E+00   -4206.5
0.00000E+00   0.00000E+00   0.00000E+00
       864        0        0   0.00000E+00   0.00000E+00   -3524.7
0.00000E+00   0.00000E+00   0.00000E+00
       865        0        0   0.00000E+00   0.00000E+00   -3881.4
0.00000E+00   0.00000E+00   0.00000E+00
       866        0        0   0.00000E+00   0.00000E+00   -3607.0
0.00000E+00   0.00000E+00   0.00000E+00
       867        0        0   0.00000E+00   0.00000E+00   -3342.5
0.00000E+00   0.00000E+00   0.00000E+00
       868        0        0   0.00000E+00   0.00000E+00   -3315.7
0.00000E+00   0.00000E+00   0.00000E+00
       869        0        0   0.00000E+00   0.00000E+00   -3603.2
0.00000E+00   0.00000E+00   0.00000E+00
       870        0        0   0.00000E+00   0.00000E+00   -3679.8
0.00000E+00   0.00000E+00   0.00000E+00
       871        0        0   0.00000E+00   0.00000E+00   -52522.
0.00000E+00   0.00000E+00   0.00000E+00
       872        0        0   0.00000E+00   0.00000E+00   -88421.
0.00000E+00   0.00000E+00   0.00000E+00
       873        0        0   0.00000E+00   0.00000E+00   -24900.
0.00000E+00   0.00000E+00   0.00000E+00
       874        0        0   0.00000E+00   0.00000E+00   -3760.3
0.00000E+00   0.00000E+00   0.00000E+00
       875        0        0   0.00000E+00   0.00000E+00   -3342.5
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3814.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2399.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 235
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 653

CDM_TRsx - My (My) @ 81 - Negative - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
|---|---|---|---|---|---|---|
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -490.69 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1129.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -818.39 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -806.00 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -740.20 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -773.10 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -526.37 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15.680 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -269.95 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -269.95 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -371.63 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.09 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -392.90 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -282.22 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -331.51 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.47 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -320.25 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -304.73 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -321.16 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -313.18 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.90 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -321.72 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -286.48 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -338.51 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
523       0       0   0.00000E+00   0.00000E+00   -274.60
0.00000E+00   0.00000E+00   0.00000E+00
524       0       0   0.00000E+00   0.00000E+00   -310.52
0.00000E+00   0.00000E+00   0.00000E+00
525       0       0   0.00000E+00   0.00000E+00   -287.25
0.00000E+00   0.00000E+00   0.00000E+00
526       0       0   0.00000E+00   0.00000E+00   -251.36
0.00000E+00   0.00000E+00   0.00000E+00
527       0       0   0.00000E+00   0.00000E+00   -270.92
0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -332.35
0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -304.54
0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -306.32
0.00000E+00   0.00000E+00   0.00000E+00
531       0       0   0.00000E+00   0.00000E+00   -269.95
0.00000E+00   0.00000E+00   0.00000E+00
532       0       0   0.00000E+00   0.00000E+00   -3899.7
0.00000E+00   0.00000E+00   0.00000E+00
533       0       0   0.00000E+00   0.00000E+00   -9310.4
0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -4063.9
0.00000E+00   0.00000E+00   0.00000E+00
535       0       0   0.00000E+00   0.00000E+00   -55.445
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -1025.0
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -2095.3
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -919.49
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -246.73
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -226.59
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -236.66
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -161.13
0.00000E+00   0.00000E+00   0.00000E+00
563       0       0   0.00000E+00   0.00000E+00   -99.225
0.00000E+00   0.00000E+00   0.00000E+00
564       0       0   0.00000E+00   0.00000E+00   -1708.3
0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -1708.3
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -2351.7
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -2766.0
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -2486.3
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -1785.9
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -2097.9
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -1857.2
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -2026.6
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -1928.4
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -2032.4
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -1981.9
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -1859.9
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -2035.9
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -1812.9
0.00000E+00   0.00000E+00   0.00000E+00
```

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579        0        0   0.00000E+00   0.00000E+00   -2142.2
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1737.7
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1965.1
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1817.8
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1590.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1714.4
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -2103.2
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -1927.2
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1938.5
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1708.3
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -14784.
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -34042.
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -15258.
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -350.87
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -922.59
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1845.2
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -705.51
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -438.91
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2253.4
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2186.9
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -3010.1
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3539.0
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -3176.1
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2293.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2672.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2389.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2575.6
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -2486.5
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -2580.4
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -2556.8
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2350.5
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2636.5
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2307.9
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2732.3
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2244.2
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2471.2
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2369.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2020.0
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2170.1
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2737.7
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2423.6
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2497.7
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2206.8
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -20523.
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -74811.
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -43372.
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -518.47
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -5.0692
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -10.138
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -3.8764
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1378.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2197.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1927.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2651.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3112.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2777.5
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2043.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2312.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2145.8
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2210.3
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2247.9
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -2206.1
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -2316.0
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -1974.8
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2419.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -1993.1
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2376.2
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2040.3
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2036.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2225.1
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1728.6
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1834.3
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2556.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
700        0        0   0.00000E+00   0.00000E+00   -1997.6
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -2252.8
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2008.4
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5730.8
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -66858.
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -50967.
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -677.26
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -2702.5
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -4315.5
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -3777.8
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5181.2
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6092.2
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5390.5
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4076.8
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4432.3
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4302.0
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4207.1
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4527.3
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -4190.5
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00   -4664.5
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -3853.4
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -4601.1
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4066.2
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4451.7
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4187.6
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -3852.4
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -4386.2
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3407.0
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3681.9
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4820.6
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4101.6
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -4101.2
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4245.8
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -23191.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00  -0.14153E+06
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -97020.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -1693.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -5421.6
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -8682.6
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -7595.6
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -10400.
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -10780.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -8272.9
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -8803.4
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -8752.9
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -8323.4
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -9232.8
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -8281.3
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -7729.8
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -9096.2
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -8348.7
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -8727.6
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -8622.6
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -7595.6
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -8843.6
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -6870.9
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -7497.2
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -9483.3
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -8450.0
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -7904.3
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -8870.5
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -29052.
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00  -0.10263E+06
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -64334.
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -3797.8
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -2391.3
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -3829.7
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -3350.2
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -4587.4
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -5398.3
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -4754.8
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3649.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3883.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3860.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3671.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4072.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3652.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4195.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3409.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4012.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3682.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3849.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3803.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3350.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3900.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3030.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3306.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4182.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3727.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3486.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3912.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -22686. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -88707. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -54044. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1675.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 230
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 654

CDM_TRsx - My (My) @ 0 - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1105.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2086.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

```
481        0        0   0.00000E+00   0.00000E+00   -1881.6
0.00000E+00   0.00000E+00   0.00000E+00
482        0        0   0.00000E+00   0.00000E+00   -1804.8
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -2112.0
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -1766.4
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -2419.2
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -2867.2
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -2508.8
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -1804.8
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -1881.6
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -2035.2
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -1766.4
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -2035.2
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -2355.2
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -2867.2
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -2342.4
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -1766.4
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -192.00
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -37.390
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -927.02
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2343.2
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2765.1
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2825.9
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2812.1
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2779.0
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2859.1
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2847.0
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -7845.5
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -15022.
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -7396.3
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2759.4
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2837.4
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2689.2
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2694.9
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2551.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -2358.4
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -2581.9
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2869.8
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2866.4
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1509.7
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -780.04
0.00000E+00   0.00000E+00   0.00000E+00
532      533        1   0.00000E+00   0.00000E+00   -678.18
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -70.913
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -1676.3
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -947.46
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -575.99
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -552.48
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -646.52
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -540.73
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -740.56
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -877.70
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -767.99
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -552.48
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -575.99
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -623.01
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -540.73
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -623.01
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -720.97
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -877.70
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -717.05
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -540.73
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -58.775
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -236.62
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -5866.4
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -6919.0
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6508.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5311.5
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5593.2
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5574.3
0.00000E+00   0.00000E+00   0.00000E+00
```

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572        0        0   0.00000E+00   0.00000E+00   -5330.3
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0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -5336.5
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -23740.
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -49015.
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -22115.
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5309.7
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5596.7
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5428.5
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4909.1
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -5587.1
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4386.8
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4796.9
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -6034.1
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5373.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4787.0
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4936.3
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -448.75
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -325.62
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -653.31
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5488.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5721.1
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7412.4
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8851.3
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
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627        0        0   0.00000E+00   0.00000E+00   -6278.0
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6348.7
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6078.6
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
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632        0        0   0.00000E+00   0.00000E+00   -60466.
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633        0        0   0.00000E+00   0.00000E+00  -0.10475E+06
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634        0        0   0.00000E+00   0.00000E+00   -29227.
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637        0        0   0.00000E+00   0.00000E+00   -6221.8
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638        0        0   0.00000E+00   0.00000E+00   -5588.0
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641        0        0   0.00000E+00   0.00000E+00   -5496.9
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647        0        0   0.00000E+00   0.00000E+00   -5488.2
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682        0        0   0.00000E+00   0.00000E+00   -6450.4
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683        0        0   0.00000E+00   0.00000E+00   -5873.4
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686        0        0   0.00000E+00   0.00000E+00   -5523.9
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692        0        0   0.00000E+00   0.00000E+00   -6032.3
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693        0        0   0.00000E+00   0.00000E+00   -5112.2
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694        0        0   0.00000E+00   0.00000E+00   -5568.3
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695        0        0   0.00000E+00   0.00000E+00   -5223.7
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696        0        0   0.00000E+00   0.00000E+00   -4822.6
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698        0        0   0.00000E+00   0.00000E+00   -5185.7
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699        0        0   0.00000E+00   0.00000E+00   -5312.4
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700        0        0   0.00000E+00   0.00000E+00   -6036.4
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701        0        0   0.00000E+00   0.00000E+00   -4819.9
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702        0        0   0.00000E+00   0.00000E+00   -5227.2
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703        0        0   0.00000E+00   0.00000E+00   -5426.2
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734        0        0   0.00000E+00   0.00000E+00   -3320.1
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735        0        0   0.00000E+00   0.00000E+00   -9429.0
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736        0        0   0.00000E+00   0.00000E+00   -11288.
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739        0        0   0.00000E+00   0.00000E+00   -12619.
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740        0        0   0.00000E+00   0.00000E+00   -11499.
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741        0        0   0.00000E+00   0.00000E+00   -10312.
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742        0        0   0.00000E+00   0.00000E+00   -10999.
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745        0        0   0.00000E+00   0.00000E+00   -52776.
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746        0        0   0.00000E+00   0.00000E+00  -0.17576E+06
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747        0        0   0.00000E+00   0.00000E+00  -0.13291E+06
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749        0        0   0.00000E+00   0.00000E+00   -11812.
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753        0        0   0.00000E+00   0.00000E+00   -9429.0
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759        0        0   0.00000E+00   0.00000E+00   -10226.
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791        0        0   0.00000E+00   0.00000E+00   -6669.2
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792        0        0   0.00000E+00   0.00000E+00   -18941.
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802        0        0   0.00000E+00   0.00000E+00   -80427.
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803        0        0   0.00000E+00   0.00000E+00  -0.15504E+06
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813        0        0   0.00000E+00   0.00000E+00   -20867.
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814        0        0   0.00000E+00   0.00000E+00   -23742.
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815        0        0   0.00000E+00   0.00000E+00   -18941.
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816        0        0   0.00000E+00   0.00000E+00   -20541.
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817        0        0   0.00000E+00   0.00000E+00   -21342.
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818        0        0   0.00000E+00   0.00000E+00   -18941.
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820        0        0   0.00000E+00   0.00000E+00   -13605.
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848        0        0   0.00000E+00   0.00000E+00   -2941.6
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -8354.3
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 850 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10002. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 851 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10786. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13492. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11181. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10188. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9136.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9745.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9579.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9302.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -61800. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.13013E+06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -43734. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8569.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10465. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8859.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9655.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9060.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8275.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8994.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9204.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10472. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9060.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9413.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9530.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6001.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 250
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 655

CDM_TRsx - My (My) @ 5 - Positive - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -891.98 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1998.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1938.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1784.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2059.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1877.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2367.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2294.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2125.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1784.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1872.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2064.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1784.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2428.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2415.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1943.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1784.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2054.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1882.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1784.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2489.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2885.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2499.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1784.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2487.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2774.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2470.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2738.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3296.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3963.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3381.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2757.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2929.3 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2653.0
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2979.4
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -10392.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -15679.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -4236.2
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2738.4
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2803.6
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2716.1
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2971.0
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2613.6
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2653.1
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2675.6
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1581.5
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -716.04
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.17
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -833.62
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -753.12
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -743.58
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -171.60
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -273.06
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -611.86
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -593.30
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -546.11
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -630.42
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -574.73
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -724.79
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.73
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -702.36
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -650.54
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -546.11
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -573.18
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -631.97
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -546.11
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -743.36
0.00000E+00   0.00000E+00   0.00000E+00
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551        0        0   0.00000E+00   0.00000E+00   -878.73
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -739.49
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -594.84
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -546.11
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -628.88
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -576.28
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -546.11
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -761.92
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -883.37
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -765.02
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -546.11
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4492.9
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5097.8
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4889.7
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5718.1
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6252.5
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7796.3
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6445.1
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5923.3
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5246.3
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5675.1
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5477.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -33038.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -51137.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -10665.
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -5598.0
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -5036.0
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -6045.6
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5124.0
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5632.6
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -5117.9
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4895.1
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4636.8
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4531.3
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4772.6
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5275.3
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4283.3
```

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0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4765.9
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4705.6
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1085.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -3935.5
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4722.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5537.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6396.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7163.8
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7339.0
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6669.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6001.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6390.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6279.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -41143.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -97362.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -55964.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6460.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5646.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6901.3
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5769.3
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6389.0
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5886.3
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5529.2
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5799.5
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6099.6
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6797.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5478.8
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6041.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6072.0
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2431.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -21.624
0.00000E+00   0.00000E+00   0.00000E+00
```

```
677        0        0   0.00000E+00   0.00000E+00   -1006.3
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4806.3
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5104.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6664.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6663.1
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5359.6
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5766.0
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5153.0
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5972.5
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5239.6
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -74202.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -93328.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5877.2
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5060.5
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5723.6
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5402.0
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5275.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5486.9
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4691.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5107.5
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5343.8
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6129.6
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4814.3
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5135.8
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5504.7
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5451.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11267.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -10510.
0.00000E+00   0.00000E+00   0.00000E+00
       857        0        0   0.00000E+00   0.00000E+00   -8846.5
0.00000E+00   0.00000E+00   0.00000E+00
       858        0        0   0.00000E+00   0.00000E+00   -9987.3
0.00000E+00   0.00000E+00   0.00000E+00
       859        0        0   0.00000E+00   0.00000E+00   -78301.
0.00000E+00   0.00000E+00   0.00000E+00
       860        0        0   0.00000E+00   0.00000E+00  -0.13237E+06
0.00000E+00   0.00000E+00   0.00000E+00
       861        0        0   0.00000E+00   0.00000E+00   -24389.
0.00000E+00   0.00000E+00   0.00000E+00
       862        0        0   0.00000E+00   0.00000E+00   -8855.5
0.00000E+00   0.00000E+00   0.00000E+00
       863        0        0   0.00000E+00   0.00000E+00   -10415.
0.00000E+00   0.00000E+00   0.00000E+00
       864        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
       865        0        0   0.00000E+00   0.00000E+00   -10136.
0.00000E+00   0.00000E+00   0.00000E+00
       866        0        0   0.00000E+00   0.00000E+00   -8631.7
0.00000E+00   0.00000E+00   0.00000E+00
       867        0        0   0.00000E+00   0.00000E+00   -8480.1
0.00000E+00   0.00000E+00   0.00000E+00
       868        0        0   0.00000E+00   0.00000E+00   -8424.6
0.00000E+00   0.00000E+00   0.00000E+00
       869        0        0   0.00000E+00   0.00000E+00   -8828.6
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9333.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10298. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9207.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9288.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 656

CDM_TRsx - My (My) @ 10 (-X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -893.25 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1992.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1946.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1786.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2039.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1900.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2359.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2282.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2131.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1807.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1811.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2128.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1786.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2405.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2353.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2035.4 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1786.5
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1950.5
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1989.1
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1786.5
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2452.1
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2870.8
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2446.3
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1896.5
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2406.2
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2794.9
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2536.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2596.8
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3373.0
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3975.5
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3453.2
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2691.9
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2892.1
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2763.1
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2793.7
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -12898.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -14647.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2950.1
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2608.8
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2861.4
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2796.0
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2760.8
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2818.3
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2501.5
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2463.4
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -784.10
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -716.04
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.17
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -833.62
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -753.12
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -743.58
0.00000E+00   0.00000E+00   0.00000E+00
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533        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -171.60
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -273.44
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -610.08
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -595.91
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -546.89
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -624.26
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -581.73
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -722.30
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.80
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -698.67
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -652.61
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -553.39
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -554.57
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -651.42
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -546.89
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -736.47
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -878.80
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -720.52
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -623.08
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -546.89
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -597.09
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -608.90
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -546.89
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -750.64
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -878.80
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -748.87
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -580.55
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4468.2
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5103.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4910.0
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5674.8
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6275.9
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7799.9
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6467.1
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5903.1
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5235.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5708.8
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5420.9
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -41368.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -48020.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5509.8
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -5558.4
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -5053.6
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -6070.1
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5059.7
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5695.3
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -5071.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4830.2
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4392.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4531.3
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4772.6
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5275.3
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4765.9
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4705.6
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1085.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -3935.5
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4722.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5537.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6396.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7163.8
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7339.0
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6669.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6001.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6390.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6279.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -51650.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -93470.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49348.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6460.6
0.00000E+00   0.00000E+00   0.00000E+00
```

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634        0        0   0.00000E+00   0.00000E+00   -5646.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6901.3
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5769.3
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6389.0
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5886.3
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5529.2
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5799.5
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6099.6
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6797.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5478.8
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6041.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6072.0
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2431.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -21.624
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1006.3
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4806.3
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5104.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6664.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6663.1
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5359.6
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5766.0
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5153.0
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5972.5
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5320.4
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -74172.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -93277.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5877.2
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5060.5
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5723.6
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5402.0
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5275.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5486.9
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4806.0
```

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0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -4691.7
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -5107.5
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -5343.8
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -6129.6
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -4814.3
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -5135.8
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -5504.7
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -5451.1
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736       0       0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737       0       0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738       0       0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740       0       0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
741       0       0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742       0       0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
748       0       0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
749       0       0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
751       0       0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
752       0       0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
753       0       0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
756       0       0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
757       0       0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
758       0       0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
759       0       0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -13495.
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11166. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10358. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10510. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8846.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9987.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -78301. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.13237E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24389. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8855.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10415. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10136. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8631.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8480.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8424.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8828.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9333.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10298. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9207.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9288.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 657

CDM_TRsx - My (My) @ 10 (+X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
| FORCE MX | FORCE MY | FORCE MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -893.25 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
480        0        0   0.00000E+00   0.00000E+00   -1992.9
0.00000E+00   0.00000E+00   0.00000E+00
481        0        0   0.00000E+00   0.00000E+00   -1946.6
0.00000E+00   0.00000E+00   0.00000E+00
482        0        0   0.00000E+00   0.00000E+00   -1786.5
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -2039.2
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -1900.3
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -2359.5
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -2870.8
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -2282.3
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -2131.8
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -1807.7
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -1811.6
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -2128.0
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -1786.5
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -2405.8
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -2870.8
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -2353.7
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -2035.4
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1786.5
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1950.5
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1989.1
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1786.5
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2452.1
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2870.8
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2446.3
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1896.5
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2406.2
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2794.9
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2536.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2596.8
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3373.0
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3975.5
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3453.2
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2691.9
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2892.1
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2763.1
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2793.7
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10582. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15505. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4408.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2608.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2861.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2796.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2760.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 523 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2818.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 524 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2501.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 525 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2463.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 526 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -784.10 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 527 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -716.04 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 528 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -754.17 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 529 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -833.62 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 530 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.85 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 531 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -753.12 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 532 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -743.58 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 533 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.85 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 534 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -171.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 536 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -273.44 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 537 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -610.08 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 538 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -595.91 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 539 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -546.89 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 540 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -624.26 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 541 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -581.73 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 542 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -722.30 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 543 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -878.80 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 544 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -698.67 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 545 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -652.61 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 546 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -553.39 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 547 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -554.57 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 548 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -651.42 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 549 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -546.89 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 550 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -736.47 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 551 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -878.80 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 552 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -720.52 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 553 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -623.08 |

```
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -546.89
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -597.09
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -608.90
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -546.89
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -750.64
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -878.80
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -748.87
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -580.55
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -4468.2
0.00000E+00   0.00000E+00   0.00000E+00
563       0       0   0.00000E+00   0.00000E+00   -5103.9
0.00000E+00   0.00000E+00   0.00000E+00
564       0       0   0.00000E+00   0.00000E+00   -4910.0
0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -5674.8
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -6275.9
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -7799.9
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -6467.1
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -5903.1
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -5235.0
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -5708.8
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -5420.9
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -33096.
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -51084.
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -10718.
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576       0       0   0.00000E+00   0.00000E+00   -5558.4
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577       0       0   0.00000E+00   0.00000E+00   -5053.6
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578       0       0   0.00000E+00   0.00000E+00   -6070.1
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -5059.7
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -5695.3
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -5071.5
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -4830.2
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -4392.7
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -4531.3
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -5275.3
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -4765.9
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -4705.6
0.00000E+00   0.00000E+00   0.00000E+00
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590 0 0 0.00000E+00 0.00000E+00 -4283.3
0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
619 0 0 0.00000E+00 0.00000E+00 -3935.5
0.00000E+00 0.00000E+00 0.00000E+00
620 0 0 0.00000E+00 0.00000E+00 -4722.2
0.00000E+00 0.00000E+00 0.00000E+00
621 0 0 0.00000E+00 0.00000E+00 -5537.2
0.00000E+00 0.00000E+00 0.00000E+00
622 0 0 0.00000E+00 0.00000E+00 -6396.7
0.00000E+00 0.00000E+00 0.00000E+00
623 0 0 0.00000E+00 0.00000E+00 -7163.8
0.00000E+00 0.00000E+00 0.00000E+00
624 0 0 0.00000E+00 0.00000E+00 -8849.3
0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
626 0 0 0.00000E+00 0.00000E+00 -6669.4
0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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678 0 0 0.00000E+00 0.00000E+00 -4806.3
0.00000E+00 0.00000E+00 0.00000E+00
679 0 0 0.00000E+00 0.00000E+00 -5104.3

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0.00000E+00   0.00000E+00   0.00000E+00
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683        0        0   0.00000E+00   0.00000E+00   -5359.6
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684        0        0   0.00000E+00   0.00000E+00   -5766.0
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685        0        0   0.00000E+00   0.00000E+00   -5153.0
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686        0        0   0.00000E+00   0.00000E+00   -5972.5
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687        0        0   0.00000E+00   0.00000E+00   -5239.6
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693        0        0   0.00000E+00   0.00000E+00   -5402.0
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694        0        0   0.00000E+00   0.00000E+00   -5275.2
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695        0        0   0.00000E+00   0.00000E+00   -5486.9
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4691.7
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698        0        0   0.00000E+00   0.00000E+00   -5107.5
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699        0        0   0.00000E+00   0.00000E+00   -5343.8
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700        0        0   0.00000E+00   0.00000E+00   -6129.6
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701        0        0   0.00000E+00   0.00000E+00   -4814.3
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705        0        0   0.00000E+00   0.00000E+00   -5451.1
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706        0        0   0.00000E+00   0.00000E+00   -3456.7
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734        0        0   0.00000E+00   0.00000E+00   -676.99
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735        0        0   0.00000E+00   0.00000E+00   -8287.5
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736        0        0   0.00000E+00   0.00000E+00   -10211.
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737        0        0   0.00000E+00   0.00000E+00   -12655.
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739        0        0   0.00000E+00   0.00000E+00   -12757.
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741        0        0   0.00000E+00   0.00000E+00   -10306.
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742        0        0   0.00000E+00   0.00000E+00   -11237.
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       745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
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       746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
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       747        0        0   0.00000E+00   0.00000E+00   -22906.
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       749        0        0   0.00000E+00   0.00000E+00   -11559.
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       753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -9975.0
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       794        0        0   0.00000E+00   0.00000E+00   -24997.
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       799        0        0   0.00000E+00   0.00000E+00   -23829.
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       801        0        0   0.00000E+00   0.00000E+00   -22643.
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       802        0        0   0.00000E+00   0.00000E+00   -97941.
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       803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
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       804        0        0   0.00000E+00   0.00000E+00   -37931.
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       807        0        0   0.00000E+00   0.00000E+00   -19636.
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811        0        0   0.00000E+00   0.00000E+00   -19100.
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814        0        0   0.00000E+00   0.00000E+00   -23348.
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815        0        0   0.00000E+00   0.00000E+00   -18985.
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816        0        0   0.00000E+00   0.00000E+00   -20875.
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818        0        0   0.00000E+00   0.00000E+00   -18985.
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819        0        0   0.00000E+00   0.00000E+00   -21699.
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820        0        0   0.00000E+00   0.00000E+00   -13558.
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849        0        0   0.00000E+00   0.00000E+00   -6808.3
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850        0        0   0.00000E+00   0.00000E+00   -9156.9
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857        0        0   0.00000E+00   0.00000E+00   -8846.5
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858        0        0   0.00000E+00   0.00000E+00   -9987.3
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863        0        0   0.00000E+00   0.00000E+00   -10415.
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867        0        0   0.00000E+00   0.00000E+00   -8480.1
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868        0        0   0.00000E+00   0.00000E+00   -8424.6
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -8828.6
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -9333.7
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -10298.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9207.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9288.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 658

CDM_TRsx - My (My) @ 16 (-X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -890.33 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2006.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1927.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1780.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2084.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1848.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2377.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2336.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2062.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1780.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1949.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1983.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1780.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2456.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2494.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1826.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1814.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2119.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
499        0        0   0.00000E+00   0.00000E+00   -1780.7
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1893.0
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2449.6
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2870.1
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2434.5
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1780.7
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2670.4
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2588.0
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2467.1
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2939.9
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3162.6
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3963.2
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3289.8
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2977.6
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2704.3
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2831.6
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2850.3
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -12722.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -14901.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2631.4
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -3002.0
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2523.4
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2992.6
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2689.3
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2628.0
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -988.98
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -689.56
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -716.04
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.17
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -833.62
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -753.12
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -743.58
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -171.60
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -272.55
```

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0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -614.09
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -589.96
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -545.10
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -638.23
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -565.82
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -727.94
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.60
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -715.27
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -631.39
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -545.10
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -596.80
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -607.26
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -545.10
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -752.08
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -878.60
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -763.55
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -558.98
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -555.36
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -648.69
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -545.10
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -579.50
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -749.87
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -878.60
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -745.24
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -545.10
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4549.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5040.5
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4888.7
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5779.8
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6211.5
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7796.2
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6417.1
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5990.6
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5177.5
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5729.7
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5438.3
0.00000E+00   0.00000E+00   0.00000E+00
```

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573        0        0   0.00000E+00   0.00000E+00   -41315.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -48098.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5412.2
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -5678.7
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4950.2
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -6130.2
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5037.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5637.0
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4608.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4363.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4531.3
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4772.6
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5275.3
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4765.9
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4705.6
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1085.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -3935.5
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4722.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5537.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6396.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7163.8
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7339.0
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6669.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6001.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6390.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6279.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -51650.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -93470.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49348.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6460.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5646.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6901.3
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5769.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -6389.0
0.00000E+00   0.00000E+00   0.00000E+00
638       0       0   0.00000E+00   0.00000E+00   -5886.3
0.00000E+00   0.00000E+00   0.00000E+00
639       0       0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
640       0       0   0.00000E+00   0.00000E+00   -5529.2
0.00000E+00   0.00000E+00   0.00000E+00
641       0       0   0.00000E+00   0.00000E+00   -5799.5
0.00000E+00   0.00000E+00   0.00000E+00
642       0       0   0.00000E+00   0.00000E+00   -6099.6
0.00000E+00   0.00000E+00   0.00000E+00
643       0       0   0.00000E+00   0.00000E+00   -6797.0
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -5478.8
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -6041.7
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -6072.0
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -2431.0
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -21.624
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1006.3
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -4806.3
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -5104.3
0.00000E+00   0.00000E+00   0.00000E+00
680       0       0   0.00000E+00   0.00000E+00   -6664.1
0.00000E+00   0.00000E+00   0.00000E+00
681       0       0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682       0       0   0.00000E+00   0.00000E+00   -6663.1
0.00000E+00   0.00000E+00   0.00000E+00
683       0       0   0.00000E+00   0.00000E+00   -5359.6
0.00000E+00   0.00000E+00   0.00000E+00
684       0       0   0.00000E+00   0.00000E+00   -5766.0
0.00000E+00   0.00000E+00   0.00000E+00
685       0       0   0.00000E+00   0.00000E+00   -5153.0
0.00000E+00   0.00000E+00   0.00000E+00
686       0       0   0.00000E+00   0.00000E+00   -5972.5
0.00000E+00   0.00000E+00   0.00000E+00
687       0       0   0.00000E+00   0.00000E+00   -5320.4
0.00000E+00   0.00000E+00   0.00000E+00
688       0       0   0.00000E+00   0.00000E+00   -74172.
0.00000E+00   0.00000E+00   0.00000E+00
689       0       0   0.00000E+00   0.00000E+00   -93277.
0.00000E+00   0.00000E+00   0.00000E+00
690       0       0   0.00000E+00   0.00000E+00   -5877.2
0.00000E+00   0.00000E+00   0.00000E+00
691       0       0   0.00000E+00   0.00000E+00   -5060.5
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -5723.6
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -5402.0
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -5275.2
0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -5486.9
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -4691.7
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -5107.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
699        0        0   0.00000E+00   0.00000E+00   -5343.8
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6129.6
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4814.3
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5135.8
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5504.7
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5451.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10769.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
854       0       0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10510. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8846.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9987.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -78301. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.13237E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24389. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8855.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10415. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10136. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8631.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8480.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8424.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8828.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9333.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10298. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9207.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9288.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 659

CDM_TRsx - My (My) @ 16 (+X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -893.07 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1993.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1945.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
482        0        0   0.00000E+00   0.00000E+00   -1786.1
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -2042.2
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -1897.0
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -2360.7
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -2870.7
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -2280.0
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -2138.9
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -1800.2
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -1820.4
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -2118.8
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -1786.1
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -2409.1
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -2870.7
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -2362.7
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -2022.0
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1786.1
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1965.6
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1973.6
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1786.1
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2457.5
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2870.7
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2459.5
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1876.9
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2405.8
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2816.2
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2514.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2602.5
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3386.6
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3963.9
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3442.7
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2691.4
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2917.5
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2737.1
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2820.6
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -12871.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -14672.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2925.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2608.4
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2890.9
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2765.1
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2792.6
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2161.0
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -714.98
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -689.56
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -716.04
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -754.17
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -833.62
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -753.12
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -743.58
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -171.60
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -273.39
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -610.34
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -595.53
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -546.78
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -625.15
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -580.72
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -722.66
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.79
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -697.97
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -654.77
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -551.10
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -557.27
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -648.60
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -546.78
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -737.47
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -878.79
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -723.28
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -618.98
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -546.78
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -601.70
0.00000E+00   0.00000E+00   0.00000E+00
```

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556        0        0   0.00000E+00   0.00000E+00   -604.17
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -546.78
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -752.28
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -878.79
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -752.90
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -574.55
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4468.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5110.4
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4903.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5676.5
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6280.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7796.4
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6463.9
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5903.0
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5242.7
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5700.8
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5429.2
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -41360.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -48028.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5502.1
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -5558.3
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -5062.7
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -6060.6
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5069.4
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -5494.1
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4524.6
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4363.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4531.3
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4772.6
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5275.3
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4765.9
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4705.6
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -1085.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -3935.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4722.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5537.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6396.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7163.8
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7339.0
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6669.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6001.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6390.9
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6279.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -51650.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -93470.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49348.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6460.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5646.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6901.3
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -5769.3
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6389.0
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5886.3
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5529.2
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5799.5
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6099.6
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6797.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5478.8
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6041.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6072.0
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -2431.0
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -21.624
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1006.3
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4806.3
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5104.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6664.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       682        0        0   0.00000E+00   0.00000E+00   -6663.1
   0.00000E+00   0.00000E+00   0.00000E+00
       683        0        0   0.00000E+00   0.00000E+00   -5359.6
   0.00000E+00   0.00000E+00   0.00000E+00
       684        0        0   0.00000E+00   0.00000E+00   -5766.0
   0.00000E+00   0.00000E+00   0.00000E+00
       685        0        0   0.00000E+00   0.00000E+00   -5153.0
   0.00000E+00   0.00000E+00   0.00000E+00
       686        0        0   0.00000E+00   0.00000E+00   -5972.5
   0.00000E+00   0.00000E+00   0.00000E+00
       687        0        0   0.00000E+00   0.00000E+00   -5320.4
   0.00000E+00   0.00000E+00   0.00000E+00
       688        0        0   0.00000E+00   0.00000E+00   -74172.
   0.00000E+00   0.00000E+00   0.00000E+00
       689        0        0   0.00000E+00   0.00000E+00   -93277.
   0.00000E+00   0.00000E+00   0.00000E+00
       690        0        0   0.00000E+00   0.00000E+00   -5877.2
   0.00000E+00   0.00000E+00   0.00000E+00
       691        0        0   0.00000E+00   0.00000E+00   -5060.5
   0.00000E+00   0.00000E+00   0.00000E+00
       692        0        0   0.00000E+00   0.00000E+00   -5723.6
   0.00000E+00   0.00000E+00   0.00000E+00
       693        0        0   0.00000E+00   0.00000E+00   -5402.0
   0.00000E+00   0.00000E+00   0.00000E+00
       694        0        0   0.00000E+00   0.00000E+00   -5275.2
   0.00000E+00   0.00000E+00   0.00000E+00
       695        0        0   0.00000E+00   0.00000E+00   -5486.9
   0.00000E+00   0.00000E+00   0.00000E+00
       696        0        0   0.00000E+00   0.00000E+00   -4806.0
   0.00000E+00   0.00000E+00   0.00000E+00
       697        0        0   0.00000E+00   0.00000E+00   -4691.7
   0.00000E+00   0.00000E+00   0.00000E+00
       698        0        0   0.00000E+00   0.00000E+00   -5107.5
   0.00000E+00   0.00000E+00   0.00000E+00
       699        0        0   0.00000E+00   0.00000E+00   -5343.8
   0.00000E+00   0.00000E+00   0.00000E+00
       700        0        0   0.00000E+00   0.00000E+00   -6129.6
   0.00000E+00   0.00000E+00   0.00000E+00
       701        0        0   0.00000E+00   0.00000E+00   -4814.3
   0.00000E+00   0.00000E+00   0.00000E+00
       702        0        0   0.00000E+00   0.00000E+00   -5135.8
   0.00000E+00   0.00000E+00   0.00000E+00
       703        0        0   0.00000E+00   0.00000E+00   -5504.7
   0.00000E+00   0.00000E+00   0.00000E+00
       704        0        0   0.00000E+00   0.00000E+00   -4806.0
   0.00000E+00   0.00000E+00   0.00000E+00
       705        0        0   0.00000E+00   0.00000E+00   -5451.1
   0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -3456.7
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -676.99
   0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -8287.5
   0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -10211.
   0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -12655.
   0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00   -15229.
   0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -12757.
   0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -11267.
   0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -10306.
   0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -11237.
   0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -10584.
   0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -10728.
   0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
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0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -10510.
0.00000E+00   0.00000E+00   0.00000E+00
       857        0        0   0.00000E+00   0.00000E+00   -8846.5
0.00000E+00   0.00000E+00   0.00000E+00
       858        0        0   0.00000E+00   0.00000E+00   -9987.3
0.00000E+00   0.00000E+00   0.00000E+00
       859        0        0   0.00000E+00   0.00000E+00   -78301.
0.00000E+00   0.00000E+00   0.00000E+00
       860        0        0   0.00000E+00   0.00000E+00  -0.13237E+06
0.00000E+00   0.00000E+00   0.00000E+00
       861        0        0   0.00000E+00   0.00000E+00   -24389.
0.00000E+00   0.00000E+00   0.00000E+00
       862        0        0   0.00000E+00   0.00000E+00   -8855.5
0.00000E+00   0.00000E+00   0.00000E+00
       863        0        0   0.00000E+00   0.00000E+00   -10415.
0.00000E+00   0.00000E+00   0.00000E+00
       864        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
       865        0        0   0.00000E+00   0.00000E+00   -10136.
0.00000E+00   0.00000E+00   0.00000E+00
       866        0        0   0.00000E+00   0.00000E+00   -8631.7
0.00000E+00   0.00000E+00   0.00000E+00
       867        0        0   0.00000E+00   0.00000E+00   -8480.1
0.00000E+00   0.00000E+00   0.00000E+00
       868        0        0   0.00000E+00   0.00000E+00   -8424.6
0.00000E+00   0.00000E+00   0.00000E+00
       869        0        0   0.00000E+00   0.00000E+00   -8828.6
0.00000E+00   0.00000E+00   0.00000E+00
       870        0        0   0.00000E+00   0.00000E+00   -9333.7
0.00000E+00   0.00000E+00   0.00000E+00
       871        0        0   0.00000E+00   0.00000E+00   -10298.
0.00000E+00   0.00000E+00   0.00000E+00
       872        0        0   0.00000E+00   0.00000E+00   -8374.1
0.00000E+00   0.00000E+00   0.00000E+00
       873        0        0   0.00000E+00   0.00000E+00   -9207.4
0.00000E+00   0.00000E+00   0.00000E+00
       874        0        0   0.00000E+00   0.00000E+00   -9288.2
```

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 660

CDM_TRsx - My (My) @ 20 - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
| FORCE MX | FORCE MY | FORCE MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -888.94 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2012.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1918.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1777.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2106.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1824.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2386.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2869.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2371.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2010.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1777.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2013.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1916.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1777.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2482.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2899.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2478.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1777.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1921.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2008.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1777.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2015.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2368.4 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2869.7
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2384.9
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2000.4
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2778.2
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2521.5
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2675.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2684.2
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3262.8
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3962.8
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3344.7
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2929.7
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2668.4
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2953.8
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -3331.1
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -13971.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -9411.9
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -798.09
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -711.81
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -830.89
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -699.84
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -852.37
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -699.84
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -734.05
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -762.65
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -613.30
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -652.49
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -881.28
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -703.33
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -810.31
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -686.38
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -705.45
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -619.65
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -272.12
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -615.93
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -587.16
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -544.25
0.00000E+00   0.00000E+00   0.00000E+00
```

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540        0        0   0.00000E+00   0.00000E+00   -644.71
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -558.39
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -730.54
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.47
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -725.98
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -615.46
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -544.25
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -616.41
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -586.68
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -544.25
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -759.79
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -887.58
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -758.83
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -544.25
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -588.12
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -614.98
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -544.25
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -616.89
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -725.02
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -878.47
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -730.06
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1645.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4926.5
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5249.8
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5354.5
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4897.8
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6644.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7796.1
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6960.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5111.4
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5814.9
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5334.9
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -7902.5
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -50100.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -35793.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5050.5
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4504.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -5258.1
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -4428.8
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -5394.0
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -4428.8
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -4645.2
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -4826.2
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -3881.1
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -4129.1
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -5577.0
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -4450.9
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -5127.9
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -4343.6
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -4464.3
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -3921.3
0.00000E+00   0.00000E+00   0.00000E+00
618       0       0   0.00000E+00   0.00000E+00   -1089.8
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -4298.8
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -4964.4
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -5961.1
0.00000E+00   0.00000E+00   0.00000E+00
622       0       0   0.00000E+00   0.00000E+00   -5549.0
0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -7587.6
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625       0       0   0.00000E+00   0.00000E+00   -7894.6
0.00000E+00   0.00000E+00   0.00000E+00
626       0       0   0.00000E+00   0.00000E+00   -5757.6
0.00000E+00   0.00000E+00   0.00000E+00
627       0       0   0.00000E+00   0.00000E+00   -6685.1
0.00000E+00   0.00000E+00   0.00000E+00
628       0       0   0.00000E+00   0.00000E+00   -5935.0
0.00000E+00   0.00000E+00   0.00000E+00
629       0       0   0.00000E+00   0.00000E+00   -9426.4
0.00000E+00   0.00000E+00   0.00000E+00
630       0       0   0.00000E+00   0.00000E+00   -63325.
0.00000E+00   0.00000E+00   0.00000E+00
631       0       0   0.00000E+00   0.00000E+00   -78750.
0.00000E+00   0.00000E+00   0.00000E+00
632       0       0   0.00000E+00   0.00000E+00   -49559.
0.00000E+00   0.00000E+00   0.00000E+00
633       0       0   0.00000E+00   0.00000E+00   -5961.6
0.00000E+00   0.00000E+00   0.00000E+00
634       0       0   0.00000E+00   0.00000E+00   -6517.6
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -5847.1
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -6738.1
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -5737.2
0.00000E+00   0.00000E+00   0.00000E+00
638       0       0   0.00000E+00   0.00000E+00   -6007.4
0.00000E+00   0.00000E+00   0.00000E+00
639       0       0   0.00000E+00   0.00000E+00   -6021.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
640        0        0   0.00000E+00   0.00000E+00   -5044.8
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5395.9
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6906.9
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -5969.5
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -6326.4
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5617.8
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -5829.9
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5113.4
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1341.2
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5.9881
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -23.620
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1007.6
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4808.6
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5099.6
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6666.5
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6666.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5354.6
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5769.7
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5150.5
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5996.2
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5410.2
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -74059.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -93278.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5874.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5065.3
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5717.8
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5407.3
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5271.7
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5487.5
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4808.9
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4689.1
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5105.3
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5348.2
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6125.0
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4819.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5133.5
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5503.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4804.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5445.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10510.
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -8846.5
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9987.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -78301. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.13237E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24389. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8855.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10415. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10136. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8631.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8480.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8424.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8828.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9333.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10298. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9207.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9288.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 661

CDM_TRsx - My (My) @ 22 (-X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -979.31 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2091.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1843.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1791.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2143.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2279.2 | |

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0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -2870.3
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -2349.8
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -1932.2
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -2002.7
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -1782.2
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -2002.7
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -1932.2
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -2349.8
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -2870.3
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -2279.2
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -2143.9
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1791.0
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1843.9
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -2091.0
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1782.2
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2420.3
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2870.3
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2411.5
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2021.3
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2459.0
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2732.5
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2665.7
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2492.4
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3400.9
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3981.1
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3474.6
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2637.5
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2936.2
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2748.1
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2784.1
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -12937.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -14606.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2991.8
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2507.0
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1178.6
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -771.62
0.00000E+00   0.00000E+00   0.00000E+00
```

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522        0        0   0.00000E+00   0.00000E+00   -758.16
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -788.16
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -776.95
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -622.83
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -671.55
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -843.15
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -755.76
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -710.22
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -786.48
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -71.498
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -299.79
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -640.09
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -564.47
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -548.26
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -656.30
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -697.71
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.66
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -719.31
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -591.48
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -613.08
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -545.56
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -613.08
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -591.48
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -719.31
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -878.66
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -697.71
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -656.30
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -548.26
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -564.47
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -640.09
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -545.56
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -740.92
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -878.66
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -738.22
```

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0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1049.3
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4828.8
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4912.6
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5552.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5040.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6485.4
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7801.7
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6669.5
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5589.3
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5329.5
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5839.3
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5066.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -41948.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -47409.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -6155.8
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4942.7
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -5088.6
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -4883.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4797.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4987.7
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4916.7
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -3941.4
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4249.8
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -5335.7
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -4782.7
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4494.4
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4977.0
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -452.46
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -454.10
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -4298.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4540.6
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6173.0
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5760.9
0.00000E+00   0.00000E+00   0.00000E+00
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623        0        0   0.00000E+00   0.00000E+00   -7375.7
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7545.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6356.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6086.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6533.4
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -5909.4
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -52249.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -92839.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -50016.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -5844.2
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -6226.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6303.0
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6139.7
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6298.2
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5644.1
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -6112.4
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5105.4
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5517.0
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6664.7
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6302.6
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5690.7
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6253.6
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -5648.2
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1795.3
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2.4950
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -23.620
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1005.3
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4809.8
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5100.8
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6665.3
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6664.3
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5357.9
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5766.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5153.8
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5970.5
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5323.7
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -74169.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -93281.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5873.8
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5063.7
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5720.3
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5404.0
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5274.7
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5485.5
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4809.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4689.4
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5105.9
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5346.9
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6126.9
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4815.5
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5137.0
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5502.3
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5447.6
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       748        0        0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -20016.
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -21161.
 0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23348.
 0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18985.
 0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20875.
 0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21058.
 0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18985.
 0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21699.
 0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13558.
 0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -6808.3
 0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -9156.9
 0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -11026.
 0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13495.
 0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11166.
 0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10358.
 0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8661.1
 0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10510.
 0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -8846.5
 0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9987.3
 0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -78301.
 0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00  -0.13237E+06
 0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -24389.
 0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -8855.5
 0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -10415.
 0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -8661.1
 0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -10136.
 0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -8631.7
 0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -8480.1
 0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -8424.6
 0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -8828.6
 0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -9333.7
 0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -10298.
 0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -8374.1
 0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -9207.4
 0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -9288.2
 0.00000E+00   0.00000E+00   0.00000E+00
875        0        0   0.00000E+00   0.00000E+00   -8374.1
 0.00000E+00   0.00000E+00   0.00000E+00
876        0        0   0.00000E+00   0.00000E+00   -9571.1
 0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 662

CDM_TRsx - My (My) @ 22 (+X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -449.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1785.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1921.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2016.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1785.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2443.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2440.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1906.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1785.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2086.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1851.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1785.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2509.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2878.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2488.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1785.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1883.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2054.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1785.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1938.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2418.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2433.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1856.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

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505        0        0   0.00000E+00   0.00000E+00   -2725.2
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2566.4
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2571.5
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2813.6
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3212.8
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3963.7
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3348.8
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2864.2
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2788.6
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2772.2
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2880.6
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -12749.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -14852.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2758.7
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1215.2
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -785.08
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -771.62
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -758.16
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -788.16
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -776.95
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -622.83
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -671.55
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -843.15
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -755.76
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -710.22
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -786.48
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -676.85
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -71.498
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -137.66
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -546.42
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -588.25
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -617.23
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -546.42
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -748.11
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -878.76
```

```
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -746.95
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -583.58
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -546.42
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -638.74
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -566.75
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -546.42
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -768.21
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -881.10
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -761.67
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -546.42
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -576.57
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -628.92
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -546.42
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -593.40
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -740.40
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -878.76
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -744.84
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -998.88
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4910.3
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4861.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5523.5
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5138.3
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6427.8
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7796.4
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6631.0
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5658.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5284.3
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -5846.6
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5096.4
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -41890.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -47484.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -6084.4
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4547.3
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4968.2
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -4883.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4797.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
580        0        0   0.00000E+00   0.00000E+00   -4987.7
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4916.7
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -3941.4
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4249.8
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -5335.7
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -4782.7
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4494.4
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4977.0
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -4283.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -452.46
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -454.10
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -4298.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4540.6
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -6173.0
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5760.9
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7375.7
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8849.3
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7545.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6356.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6086.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6533.4
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -5909.4
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -52249.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -92839.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -50016.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -5844.2
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -6226.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6303.0
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6139.7
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6298.2
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -5644.1
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -6112.4
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5105.4
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5517.0
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6664.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6302.6
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5690.7
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -6253.6
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -5648.2
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -5476.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1795.3
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2.4950
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -23.620
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1005.3
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4809.8
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5100.8
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6665.3
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6664.3
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5357.9
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5766.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5153.8
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5970.5
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5323.7
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -74169.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -93281.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5873.8
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5063.7
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5720.3
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5404.0
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5274.7
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5485.5
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4809.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4689.4
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5105.9
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5346.9
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6126.9
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4815.5
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5137.0
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5502.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
704        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5447.6
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -2009.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -463.74
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -6217.0
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -1434.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -2742.2
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -632.81
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10358. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10510. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8846.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9987.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -78301. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.13237E+06 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -24389. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8855.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10415. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8661.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10136. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8631.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8480.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8424.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8828.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9333.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10298. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9207.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9288.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 268
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 663

CDM_TRsx - My (My) @ 28 - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -624.55 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1769.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

```
484        0        0   0.00000E+00   0.00000E+00   -2149.1
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -2279.3
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -2868.0
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -2315.2
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -2039.7
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -1881.2
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -1794.4
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -2126.5
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -1769.9
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -2413.3
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -2868.0
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -2475.6
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -1854.8
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1820.8
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2100.1
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1769.9
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1956.7
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2407.6
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2868.0
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2379.3
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2220.1
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2870.9
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2471.2
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2667.7
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2751.9
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3218.4
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3961.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3165.9
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1085.9
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -743.60
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -781.97
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1429.9
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -13349.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -9469.3
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -721.09
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -833.57
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -697.03
```

```
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -818.08
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -750.37
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -740.50
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -775.69
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -678.58
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -655.80
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -704.96
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -776.89
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -820.05
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -718.14
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -678.58
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -809.26
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -417.22
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -191.19
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -541.80
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -657.90
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -697.76
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -877.97
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -708.73
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -624.40
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -575.88
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -549.31
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -650.97
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -541.80
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -738.77
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -877.97
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -757.83
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -567.79
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -557.40
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -642.88
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -541.80
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -598.98
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -737.03
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -877.97
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -728.37
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2925.0
0.00000E+00   0.00000E+00   0.00000E+00
```

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562        0        0   0.00000E+00   0.00000E+00   -5680.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4980.2
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4939.2
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5744.8
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6219.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7797.3
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6425.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5299.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4705.7
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -4948.5
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -7274.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -49714.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -36157.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -4563.2
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -5275.0
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4411.0
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5177.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4748.5
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4686.1
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4908.8
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4294.2
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4150.1
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4461.1
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4916.4
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5189.5
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4544.6
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4294.2
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -5121.2
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -2640.3
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -387.64
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -89.456
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2368.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5063.6
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4696.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5525.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6420.4
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7154.4
```

```
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8851.1
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7388.1
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6551.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6136.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6228.7
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -9378.3
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -63119.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -79115.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49070.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6734.9
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5667.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6598.0
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6090.2
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -5995.4
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6271.8
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5487.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5314.8
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5729.1
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6243.9
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6710.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5741.0
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5568.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6489.2
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -3827.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1341.2
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -1573.8
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -363.19
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -13.011
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -27.822
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1006.1
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5104.4
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6664.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6663.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
683        0        0   0.00000E+00   0.00000E+00   -5358.9
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5766.7
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5152.1
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5996.0
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -5409.1
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -74061.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -93276.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -5878.7
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5060.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5721.9
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5403.7
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5273.1
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5489.0
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4690.6
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5107.1
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5344.5
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -6129.1
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4815.8
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5133.2
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5506.9
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4796.9
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5445.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4177.0
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -2105.4
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10728.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00  -0.20378E+06
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747       0       0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
748       0       0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
749       0       0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
751       0       0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
752       0       0   0.00000E+00   0.00000E+00   -10092.
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753       0       0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
756       0       0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
757       0       0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
758       0       0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
759       0       0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
760       0       0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
761       0       0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
764       0       0   0.00000E+00   0.00000E+00   -9564.6
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -5738.8
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -30597.
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796       0       0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -19100.
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812        0        0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20875.
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817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4218.8
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822        0        0   0.00000E+00   0.00000E+00   -2531.2
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10510.
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -8846.5
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9987.3
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -78301.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00  -0.13237E+06
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -24389.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -8855.5
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -10415.
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -10136.
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -8631.7
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -8480.1
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -8424.6
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -8828.6
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9333.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10298. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9207.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9288.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8374.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9571.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5980.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 266
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 664

CDM_TRsx - My (My) @ 34 (-X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -108.97 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -852.20 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2521.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3173.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2906.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2464.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2681.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2712.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2519.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3355.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3849.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2625.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1766.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1966.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1949.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1766.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2122.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2297.1 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2867.1
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2312.2
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2421.7
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2664.7
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2521.3
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2780.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2580.1
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3293.7
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3960.5
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -3064.0
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -843.13
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -743.60
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -781.97
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1429.9
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -13349.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -9469.3
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -721.09
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -833.57
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -697.03
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -818.08
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -750.37
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -740.50
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -775.69
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -678.58
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -655.80
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -704.96
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -776.89
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -820.05
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -718.14
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -678.58
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -809.26
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -417.22
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -689.59
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5392.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -7322.9
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -6288.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
545        0        0   0.00000E+00   0.00000E+00   -5662.7
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4736.5
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -5616.3
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4930.4
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -5308.8
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6501.3
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6910.5
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -1622.5
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -540.61
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -602.08
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -596.79
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -540.61
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -649.66
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -703.19
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -877.67
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -707.82
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2986.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5617.0
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4995.5
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4973.9
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -5692.2
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6242.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7797.0
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6394.5
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -5225.4
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -4705.7
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -4948.5
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -7274.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -49714.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -36157.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -4563.2
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -5275.0
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4411.0
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5177.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -4748.5
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4686.1
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -4908.8
```

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0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4294.2
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4150.1
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4461.1
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -4916.4
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5189.5
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4544.6
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -4294.2
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -5121.2
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -2640.3
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -583.55
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1365.4
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1229.4
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -1240.8
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -1354.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -1859.2
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7049.8
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8846.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7222.3
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6201.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -4500.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5057.5
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -4324.0
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -4785.4
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -5773.3
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -6045.4
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -863.63
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2368.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5063.6
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4696.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5525.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6420.4
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7154.4
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8851.1
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7388.1
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6551.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6136.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
628        0        0   0.00000E+00   0.00000E+00   -6228.7
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -9378.3
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -63119.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -79115.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49070.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6734.9
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5667.4
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6598.0
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6090.2
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -5995.4
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6271.8
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5487.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5314.8
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5729.1
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6243.9
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6710.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5741.0
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5568.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6489.2
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -3827.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1341.2
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -851.41
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2369.2
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5543.5
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -4991.5
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -5037.5
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5497.5
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4742.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6677.4
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7904.7
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6586.4
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -4766.1
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1242.2
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -27.789
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -23.758
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -26.294
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -31.721
```

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0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -33.216
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -4.7452
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -13.011
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -27.822
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1006.1
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -4806.2
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -5104.4
0.00000E+00   0.00000E+00   0.00000E+00
680       0       0   0.00000E+00   0.00000E+00   -6664.1
0.00000E+00   0.00000E+00   0.00000E+00
681       0       0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
682       0       0   0.00000E+00   0.00000E+00   -6663.4
0.00000E+00   0.00000E+00   0.00000E+00
683       0       0   0.00000E+00   0.00000E+00   -5358.9
0.00000E+00   0.00000E+00   0.00000E+00
684       0       0   0.00000E+00   0.00000E+00   -5766.7
0.00000E+00   0.00000E+00   0.00000E+00
685       0       0   0.00000E+00   0.00000E+00   -5152.1
0.00000E+00   0.00000E+00   0.00000E+00
686       0       0   0.00000E+00   0.00000E+00   -5996.0
0.00000E+00   0.00000E+00   0.00000E+00
687       0       0   0.00000E+00   0.00000E+00   -5409.1
0.00000E+00   0.00000E+00   0.00000E+00
688       0       0   0.00000E+00   0.00000E+00   -74061.
0.00000E+00   0.00000E+00   0.00000E+00
689       0       0   0.00000E+00   0.00000E+00   -93276.
0.00000E+00   0.00000E+00   0.00000E+00
690       0       0   0.00000E+00   0.00000E+00   -5878.7
0.00000E+00   0.00000E+00   0.00000E+00
691       0       0   0.00000E+00   0.00000E+00   -5060.6
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -5721.9
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -5403.7
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -5273.1
0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -5489.0
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -4690.6
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -5107.1
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -5344.5
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -6129.1
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -4815.8
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -5133.2
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -5506.9
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -4796.9
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -5445.1
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -4583.3
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -11113.
0.00000E+00   0.00000E+00   0.00000E+00
```

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       709        0        0   0.00000E+00   0.00000E+00   -9396.8
0.00000E+00   0.00000E+00   0.00000E+00
       710        0        0   0.00000E+00   0.00000E+00   -10653.
0.00000E+00   0.00000E+00   0.00000E+00
       711        0        0   0.00000E+00   0.00000E+00   -9857.1
0.00000E+00   0.00000E+00   0.00000E+00
       712        0        0   0.00000E+00   0.00000E+00   -10335.
0.00000E+00   0.00000E+00   0.00000E+00
       713        0        0   0.00000E+00   0.00000E+00   -12598.
0.00000E+00   0.00000E+00   0.00000E+00
       714        0        0   0.00000E+00   0.00000E+00   -15220.
0.00000E+00   0.00000E+00   0.00000E+00
       715        0        0   0.00000E+00   0.00000E+00   -12980.
0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -7274.6
0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -840.77
0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -9975.0
0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -9434.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
764       0       0   0.00000E+00   0.00000E+00   -9124.7
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -22553.
0.00000E+00   0.00000E+00   0.00000E+00
766       0       0   0.00000E+00   0.00000E+00   -18422.
0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -22209.
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -18766.
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -21865.
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -24792.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -30301.
0.00000E+00   0.00000E+00   0.00000E+00
772       0       0   0.00000E+00   0.00000E+00   -26169.
0.00000E+00   0.00000E+00   0.00000E+00
773       0       0   0.00000E+00   0.00000E+00   -12396.
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
```

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816        0        0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4024.7
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -9947.8
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -8125.3
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -9795.9
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -8277.2
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -9644.1
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -10935.
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -13365.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -11543.
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -5467.5
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10510.
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -8846.5
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9987.3
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -78301.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00  -0.13237E+06
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -24389.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -8855.5
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -10415.
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -10136.
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -8631.7
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -8480.1
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -8424.6
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -8828.6
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -9333.7
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
      871       0       0   0.00000E+00   0.00000E+00   -10298.
      0.00000E+00   0.00000E+00   0.00000E+00
      872       0       0   0.00000E+00   0.00000E+00   -8374.1
      0.00000E+00   0.00000E+00   0.00000E+00
      873       0       0   0.00000E+00   0.00000E+00   -9207.4
      0.00000E+00   0.00000E+00   0.00000E+00
      874       0       0   0.00000E+00   0.00000E+00   -9288.2
      0.00000E+00   0.00000E+00   0.00000E+00
      875       0       0   0.00000E+00   0.00000E+00   -8374.1
      0.00000E+00   0.00000E+00   0.00000E+00
      876       0       0   0.00000E+00   0.00000E+00   -9571.1
      0.00000E+00   0.00000E+00   0.00000E+00
      877       0       0   0.00000E+00   0.00000E+00   -5980.0
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =          317
          LARGEST NODE OR ELEMENT NUMBER              =          877
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L O A D  C A S E  665

CDM_TRsx - My (My) @ 34 (+X) - Positive - Characteristic

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          CONCENTRATED LOAD
    FIRST    LAST    DIFF          FORCE          FORCE          FORCE
    FORCE          FORCE          FORCE
     NODE    NODE    RNCE             FX             FY             FZ
     MX             MY             MZ
      483       0       0   0.00000E+00   0.00000E+00   -172.21
      0.00000E+00   0.00000E+00   0.00000E+00
      484       0       0   0.00000E+00   0.00000E+00   -665.86
      0.00000E+00   0.00000E+00   0.00000E+00
      485       0       0   0.00000E+00   0.00000E+00   -929.91
      0.00000E+00   0.00000E+00   0.00000E+00
      486       0       0   0.00000E+00   0.00000E+00   -1646.6
      0.00000E+00   0.00000E+00   0.00000E+00
      487       0       0   0.00000E+00   0.00000E+00   -3138.7
      0.00000E+00   0.00000E+00   0.00000E+00
      488       0       0   0.00000E+00   0.00000E+00   -2627.6
      0.00000E+00   0.00000E+00   0.00000E+00
      489       0       0   0.00000E+00   0.00000E+00   -2574.9
      0.00000E+00   0.00000E+00   0.00000E+00
      490       0       0   0.00000E+00   0.00000E+00   -2788.7
      0.00000E+00   0.00000E+00   0.00000E+00
      491       0       0   0.00000E+00   0.00000E+00   -2549.3
      0.00000E+00   0.00000E+00   0.00000E+00
      492       0       0   0.00000E+00   0.00000E+00   -2626.1
      0.00000E+00   0.00000E+00   0.00000E+00
      493       0       0   0.00000E+00   0.00000E+00   -3345.6
      0.00000E+00   0.00000E+00   0.00000E+00
      494       0       0   0.00000E+00   0.00000E+00   -3956.5
      0.00000E+00   0.00000E+00   0.00000E+00
      495       0       0   0.00000E+00   0.00000E+00   -3329.5
      0.00000E+00   0.00000E+00   0.00000E+00
      496       0       0   0.00000E+00   0.00000E+00   -2266.4
      0.00000E+00   0.00000E+00   0.00000E+00
      497       0       0   0.00000E+00   0.00000E+00   -2079.7
      0.00000E+00   0.00000E+00   0.00000E+00
      498       0       0   0.00000E+00   0.00000E+00   -1764.4
      0.00000E+00   0.00000E+00   0.00000E+00
      499       0       0   0.00000E+00   0.00000E+00   -1998.0
      0.00000E+00   0.00000E+00   0.00000E+00
      500       0       0   0.00000E+00   0.00000E+00   -1916.4
      0.00000E+00   0.00000E+00   0.00000E+00
      501       0       0   0.00000E+00   0.00000E+00   -2356.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -2866.6
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -2394.9
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2147.1
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2439.5
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2852.0
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2557.0
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2555.2
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3400.0
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3788.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1491.9
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -697.80
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -859.44
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -703.38
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -830.45
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -12667.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -758.38
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -763.74
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -774.79
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -743.51
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -819.31
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -688.40
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -804.19
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -690.49
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -637.59
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -689.04
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -807.48
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -790.11
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -740.23
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -675.09
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -801.82
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -421.64
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1089.8
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4213.8
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5884.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -7224.1
0.00000E+00   0.00000E+00   0.00000E+00
```

```
544        0        0   0.00000E+00   0.00000E+00   -6505.6
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4814.3
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -5669.3
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4905.1
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -5301.9
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -5214.8
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6421.4
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7774.5
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -6716.1
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -3293.3
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -636.63
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -540.13
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -611.64
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -586.64
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -721.33
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -877.54
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -733.13
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1691.5
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4812.3
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5387.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5269.1
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4847.7
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -6711.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -7830.9
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -6245.5
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -4415.9
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -5438.7
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -4451.1
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -5255.3
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -40480.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -47524.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -4799.2
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4833.1
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -4903.0
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -4705.1
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5184.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4356.4
```

```
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -5089.1
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -4369.6
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4034.8
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -4360.4
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -5109.9
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -5000.0
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0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -582.83
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1367.9
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1225.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -1248.9
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2437.8
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598        0        0   0.00000E+00   0.00000E+00   -5394.7
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7559.3
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -9014.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7453.4
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -5394.7
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -6563.2
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604        0        0   0.00000E+00   0.00000E+00   -5450.3
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5934.2
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -4782.7
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -5692.1
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -6922.0
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -6008.1
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2741.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -1090.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -4287.6
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5909.3
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -5537.9
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7614.0
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8942.4
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7738.5
0.00000E+00   0.00000E+00   0.00000E+00
```

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0.00000E+00 0.00000E+00 0.00000E+00
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629 0 0 0.00000E+00 0.00000E+00 -6738.9
0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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661 0 0 0.00000E+00 0.00000E+00 -4804.3
0.00000E+00 0.00000E+00 0.00000E+00
662 0 0 0.00000E+00 0.00000E+00 -4758.8

```
0.00000E+00   0.00000E+00   0.00000E+00
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664       0       0   0.00000E+00   0.00000E+00   -31.275
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665       0       0   0.00000E+00   0.00000E+00   -38.033
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666       0       0   0.00000E+00   0.00000E+00   -33.012
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -15.064
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675       0       0   0.00000E+00   0.00000E+00   -5.9929
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -23.558
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -1007.8
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -4808.3
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -5099.5
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680       0       0   0.00000E+00   0.00000E+00   -6666.6
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681       0       0   0.00000E+00   0.00000E+00   -7779.9
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684       0       0   0.00000E+00   0.00000E+00   -5770.8
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685       0       0   0.00000E+00   0.00000E+00   -5149.4
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686       0       0   0.00000E+00   0.00000E+00   -5975.1
0.00000E+00   0.00000E+00   0.00000E+00
687       0       0   0.00000E+00   0.00000E+00   -5319.0
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688       0       0   0.00000E+00   0.00000E+00   -74173.
0.00000E+00   0.00000E+00   0.00000E+00
689       0       0   0.00000E+00   0.00000E+00   -93277.
0.00000E+00   0.00000E+00   0.00000E+00
690       0       0   0.00000E+00   0.00000E+00   -5876.3
0.00000E+00   0.00000E+00   0.00000E+00
691       0       0   0.00000E+00   0.00000E+00   -5063.3
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -5719.3
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -5406.1
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -5271.3
0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -5490.0
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -4806.4
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -4689.9
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -5106.6
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -5345.6
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -6128.1
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -4816.6
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -5133.1
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -5506.7
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -4797.0
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -5445.1
0.00000E+00   0.00000E+00   0.00000E+00
```

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706        0        0   0.00000E+00   0.00000E+00   -3456.7
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4649.1
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10935.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -9756.7
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -10018.
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -10674.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9298.2
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -13292.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15323.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12769.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -9395.5
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -11263.
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -9331.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -5113.1
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -366.35
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -676.99
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -8287.5
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10211.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12655.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15229.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12757.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11267.
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -10306.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11237.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10584.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10728.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.13904E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20378E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22906.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -9962.9
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -11559.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10056.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -11047.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10092.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9512.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9392.8
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9975.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10507.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11754.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9440.7
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10271.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10585.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9434.9
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10769.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6766.2
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9334.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21981.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -19572.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -20174.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -21379.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -18669.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -26799.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30713.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -25594.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -18970.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -22583.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -18669.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -5721.1
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
807        0        0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4117.2
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -9695.3
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -8632.8
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -8898.4
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -9429.7
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -8234.4
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -11820.
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -13547.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -11289.
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -8367.2
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -9960.9
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -8234.4
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -2523.4
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10510.
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -8846.5
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9987.3
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
      859       0       0   0.00000E+00   0.00000E+00   -78301.
      0.00000E+00   0.00000E+00   0.00000E+00
      860       0       0   0.00000E+00   0.00000E+00  -0.13237E+06
      0.00000E+00   0.00000E+00   0.00000E+00
      861       0       0   0.00000E+00   0.00000E+00   -24389.
      0.00000E+00   0.00000E+00   0.00000E+00
      862       0       0   0.00000E+00   0.00000E+00   -8855.5
      0.00000E+00   0.00000E+00   0.00000E+00
      863       0       0   0.00000E+00   0.00000E+00   -10415.
      0.00000E+00   0.00000E+00   0.00000E+00
      864       0       0   0.00000E+00   0.00000E+00   -8661.1
      0.00000E+00   0.00000E+00   0.00000E+00
      865       0       0   0.00000E+00   0.00000E+00   -10136.
      0.00000E+00   0.00000E+00   0.00000E+00
      866       0       0   0.00000E+00   0.00000E+00   -8631.7
      0.00000E+00   0.00000E+00   0.00000E+00
      867       0       0   0.00000E+00   0.00000E+00   -8480.1
      0.00000E+00   0.00000E+00   0.00000E+00
      868       0       0   0.00000E+00   0.00000E+00   -8424.6
      0.00000E+00   0.00000E+00   0.00000E+00
      869       0       0   0.00000E+00   0.00000E+00   -8828.6
      0.00000E+00   0.00000E+00   0.00000E+00
      870       0       0   0.00000E+00   0.00000E+00   -9333.7
      0.00000E+00   0.00000E+00   0.00000E+00
      871       0       0   0.00000E+00   0.00000E+00   -10298.
      0.00000E+00   0.00000E+00   0.00000E+00
      872       0       0   0.00000E+00   0.00000E+00   -8374.1
      0.00000E+00   0.00000E+00   0.00000E+00
      873       0       0   0.00000E+00   0.00000E+00   -9207.4
      0.00000E+00   0.00000E+00   0.00000E+00
      874       0       0   0.00000E+00   0.00000E+00   -9288.2
      0.00000E+00   0.00000E+00   0.00000E+00
      875       0       0   0.00000E+00   0.00000E+00   -8374.1
      0.00000E+00   0.00000E+00   0.00000E+00
      876       0       0   0.00000E+00   0.00000E+00   -9571.1
      0.00000E+00   0.00000E+00   0.00000E+00
      877       0       0   0.00000E+00   0.00000E+00   -5980.0
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =          330
          LARGEST NODE OR ELEMENT NUMBER              =          877
```

L O A D  C A S E  666

CDM_TRsx - My (My) @ 40 (-X) - Positive - Characteristic

```
          CONCENTRATED LOAD
    FIRST    LAST    DIFF         FORCE         FORCE         FORCE
    FORCE         FORCE         FORCE
     NODE    NODE    RNCE            FX            FY            FZ
     MX            MY            MZ
      481       0       0   0.00000E+00   0.00000E+00   -205.00
      0.00000E+00   0.00000E+00   0.00000E+00
      482       0       0   0.00000E+00   0.00000E+00   -678.11
      0.00000E+00   0.00000E+00   0.00000E+00
      483       0       0   0.00000E+00   0.00000E+00   -772.56
      0.00000E+00   0.00000E+00   0.00000E+00
      484       0       0   0.00000E+00   0.00000E+00   -725.55
      0.00000E+00   0.00000E+00   0.00000E+00
      485       0       0   0.00000E+00   0.00000E+00   -898.78
      0.00000E+00   0.00000E+00   0.00000E+00
      486       0       0   0.00000E+00   0.00000E+00   -1093.3
      0.00000E+00   0.00000E+00   0.00000E+00
      487       0       0   0.00000E+00   0.00000E+00   -877.45
```

```
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -804.77
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -724.68
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -773.43
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -930.12
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -940.13
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -710.75
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -818.70
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -679.42
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -708.14
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2037.2
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3948.9
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3212.0
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2807.6
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2518.9
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2744.3
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2538.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2706.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3314.3
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3948.9
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2341.5
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -806.59
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -761.12
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -765.62
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1445.5
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -13335.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -9483.7
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -708.95
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -842.00
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -698.74
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -807.81
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -759.89
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -731.21
0.00000E+00   0.00000E+00   0.00000E+00
```

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524        0        0   0.00000E+00   0.00000E+00   -783.88
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -653.30
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -702.78
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -781.12
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -815.94
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -721.20
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -808.25
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -417.84
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1297.3
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4888.9
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4591.5
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5687.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6918.9
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5552.7
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -5092.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4586.0
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4894.5
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5886.0
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6918.9
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -5949.4
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4497.8
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5180.9
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4299.5
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4481.3
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6295.7
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7793.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6589.8
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4943.1
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5413.0
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5219.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4860.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -5659.3
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -6309.2
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -7793.0
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -6219.2
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -5104.3
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -4816.5
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -4845.0
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -7373.5
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -49623.
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -36248.
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -4486.4
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -5328.4
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -4421.8
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -5112.0
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -4808.7
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -4627.3
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -4960.6
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -4134.3
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584       0       0   0.00000E+00   0.00000E+00   -4447.3
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -4943.1
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -5163.5
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -4563.9
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -5114.8
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -2644.2
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -594.16
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -1322.7
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -2598.8
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -5495.1
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -6255.3
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -5878.9
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -7273.9
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00   -7095.2
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -6511.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
603        0        0   0.00000E+00   0.00000E+00   -5525.7
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5790.9
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -6338.7
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5499.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7498.8
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7514.5
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5898.1
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5495.1
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6461.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5673.1
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5685.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7599.4
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7508.3
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5612.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -6083.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -5958.4
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5587.0
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6282.9
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7227.3
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7496.5
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6390.0
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627        0        0   0.00000E+00   0.00000E+00   -6217.2
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628        0        0   0.00000E+00   0.00000E+00   -6222.8
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -9303.2
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -63263.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -78936.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -49270.
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633        0        0   0.00000E+00   0.00000E+00   -6557.3
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5810.2
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6485.3
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6121.9
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6054.5
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6166.8
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5591.3
```

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0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5282.1
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5684.2
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6336.0
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6596.4
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5768.8
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5643.2
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6416.4
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647        0        0   0.00000E+00   0.00000E+00   -3842.1
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1362.4
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -840.26
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2412.3
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5370.3
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5272.1
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4848.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5502.5
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5184.9
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6387.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7785.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6211.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5714.3
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4972.6
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4849.9
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5818.6
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -4867.3
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6494.0
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7785.6
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6299.8
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5643.7
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4848.3
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5150.1
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5537.3
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4849.3
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6599.8
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7785.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6510.1
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5326.6
0.00000E+00   0.00000E+00   0.00000E+00
```

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676        0        0   0.00000E+00   0.00000E+00   -4851.5
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -5462.9
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5221.3
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4852.6
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6702.9
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7785.6
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6907.1
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5173.4
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5642.7
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5549.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5289.3
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -6365.1
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -72965.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -94401.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -4940.4
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5596.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5528.6
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5287.4
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5752.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4852.0
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5238.9
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4622.1
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4980.8
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5609.6
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5770.3
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4849.8
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5449.5
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5237.5
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4839.2
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5531.2
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3411.4
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4723.2
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10652.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10217.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9446.4
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11086.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9782.9
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0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12628.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15230.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12522.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10719.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9532.1
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10426.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10430.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9504.7
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -13137.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15230.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12777.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9994.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10215.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10179.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9921.5
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10577.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12487.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15230.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12561.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10334.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -8331.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -4112.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -9674.7
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -9417.5
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -13013.
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -15266.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -13607.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -9841.5
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -11549.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -10242.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -11089.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -10703.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.13881E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20414E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22379.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -10732.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
749        0        0   0.00000E+00   0.00000E+00   -10668.
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -10863.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -10278.
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9686.8
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -9027.8
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9806.4
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10834.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11541.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9609.1
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -10152.
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10684.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9417.5
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10735.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6781.9
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9465.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21495.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20376.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18931.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22614.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19257.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25505.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30588.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -25552.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21029.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18931.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -21962.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -19910.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -19071.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -26858.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -30588.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -26158.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -18931.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -21309.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -20563.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18931.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -22428.
```

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      0.00000E+00   0.00000E+00   0.00000E+00
786         0         0   0.00000E+00   0.00000E+00   -24619.
      0.00000E+00   0.00000E+00   0.00000E+00
787         0         0   0.00000E+00   0.00000E+00   -30588.
      0.00000E+00   0.00000E+00   0.00000E+00
788         0         0   0.00000E+00   0.00000E+00   -25039.
      0.00000E+00   0.00000E+00   0.00000E+00
789         0         0   0.00000E+00   0.00000E+00   -20656.
      0.00000E+00   0.00000E+00   0.00000E+00
790         0         0   0.00000E+00   0.00000E+00   -15480.
      0.00000E+00   0.00000E+00   0.00000E+00
791         0         0   0.00000E+00   0.00000E+00   -1119.9
      0.00000E+00   0.00000E+00   0.00000E+00
792         0         0   0.00000E+00   0.00000E+00   -18841.
      0.00000E+00   0.00000E+00   0.00000E+00
793         0         0   0.00000E+00   0.00000E+00   -18841.
      0.00000E+00   0.00000E+00   0.00000E+00
794         0         0   0.00000E+00   0.00000E+00   -26022.
      0.00000E+00   0.00000E+00   0.00000E+00
795         0         0   0.00000E+00   0.00000E+00   -30700.
      0.00000E+00   0.00000E+00   0.00000E+00
796         0         0   0.00000E+00   0.00000E+00   -27429.
      0.00000E+00   0.00000E+00   0.00000E+00
797         0         0   0.00000E+00   0.00000E+00   -19469.
      0.00000E+00   0.00000E+00   0.00000E+00
798         0         0   0.00000E+00   0.00000E+00   -23747.
      0.00000E+00   0.00000E+00   0.00000E+00
799         0         0   0.00000E+00   0.00000E+00   -19903.
      0.00000E+00   0.00000E+00   0.00000E+00
800         0         0   0.00000E+00   0.00000E+00   -23127.
      0.00000E+00   0.00000E+00   0.00000E+00
801         0         0   0.00000E+00   0.00000E+00   -20523.
      0.00000E+00   0.00000E+00   0.00000E+00
802         0         0   0.00000E+00   0.00000E+00   -99540.
      0.00000E+00   0.00000E+00   0.00000E+00
803         0         0   0.00000E+00   0.00000E+00  -0.15701E+06
      0.00000E+00   0.00000E+00   0.00000E+00
804         0         0   0.00000E+00   0.00000E+00   -38301.
      0.00000E+00   0.00000E+00   0.00000E+00
805         0         0   0.00000E+00   0.00000E+00   -21312.
      0.00000E+00   0.00000E+00   0.00000E+00
806         0         0   0.00000E+00   0.00000E+00   -21267.
      0.00000E+00   0.00000E+00   0.00000E+00
807         0         0   0.00000E+00   0.00000E+00   -22383.
      0.00000E+00   0.00000E+00   0.00000E+00
808         0         0   0.00000E+00   0.00000E+00   -19578.
      0.00000E+00   0.00000E+00   0.00000E+00
809         0         0   0.00000E+00   0.00000E+00   -22596.
      0.00000E+00   0.00000E+00   0.00000E+00
810         0         0   0.00000E+00   0.00000E+00   -18841.
      0.00000E+00   0.00000E+00   0.00000E+00
811         0         0   0.00000E+00   0.00000E+00   -18117.
      0.00000E+00   0.00000E+00   0.00000E+00
812         0         0   0.00000E+00   0.00000E+00   -19764.
      0.00000E+00   0.00000E+00   0.00000E+00
813         0         0   0.00000E+00   0.00000E+00   -21608.
      0.00000E+00   0.00000E+00   0.00000E+00
814         0         0   0.00000E+00   0.00000E+00   -23453.
      0.00000E+00   0.00000E+00   0.00000E+00
815         0         0   0.00000E+00   0.00000E+00   -19434.
      0.00000E+00   0.00000E+00   0.00000E+00
816         0         0   0.00000E+00   0.00000E+00   -19830.
      0.00000E+00   0.00000E+00   0.00000E+00
817         0         0   0.00000E+00   0.00000E+00   -21938.
      0.00000E+00   0.00000E+00   0.00000E+00
818         0         0   0.00000E+00   0.00000E+00   -18841.
      0.00000E+00   0.00000E+00   0.00000E+00
819         0         0   0.00000E+00   0.00000E+00   -21411.
      0.00000E+00   0.00000E+00   0.00000E+00
820         0         0   0.00000E+00   0.00000E+00   -13703.
      0.00000E+00   0.00000E+00   0.00000E+00
821         0         0   0.00000E+00   0.00000E+00   -4175.0
      0.00000E+00   0.00000E+00   0.00000E+00
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       822        0        0   0.00000E+00   0.00000E+00   -9481.1
   0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -8987.5
   0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -8350.0
   0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -9974.7
   0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -8493.9
   0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -11250.
   0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -13492.
   0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -11270.
   0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -9275.4
   0.00000E+00   0.00000E+00   0.00000E+00
       831        0        0   0.00000E+00   0.00000E+00   -8350.0
   0.00000E+00   0.00000E+00   0.00000E+00
       832        0        0   0.00000E+00   0.00000E+00   -9686.8
   0.00000E+00   0.00000E+00   0.00000E+00
       833        0        0   0.00000E+00   0.00000E+00   -8781.9
   0.00000E+00   0.00000E+00   0.00000E+00
       834        0        0   0.00000E+00   0.00000E+00   -8411.7
   0.00000E+00   0.00000E+00   0.00000E+00
       835        0        0   0.00000E+00   0.00000E+00   -11846.
   0.00000E+00   0.00000E+00   0.00000E+00
       836        0        0   0.00000E+00   0.00000E+00   -13492.
   0.00000E+00   0.00000E+00   0.00000E+00
       837        0        0   0.00000E+00   0.00000E+00   -11538.
   0.00000E+00   0.00000E+00   0.00000E+00
       838        0        0   0.00000E+00   0.00000E+00   -8350.0
   0.00000E+00   0.00000E+00   0.00000E+00
       839        0        0   0.00000E+00   0.00000E+00   -9398.8
   0.00000E+00   0.00000E+00   0.00000E+00
       840        0        0   0.00000E+00   0.00000E+00   -9069.8
   0.00000E+00   0.00000E+00   0.00000E+00
       841        0        0   0.00000E+00   0.00000E+00   -8350.0
   0.00000E+00   0.00000E+00   0.00000E+00
       842        0        0   0.00000E+00   0.00000E+00   -9892.4
   0.00000E+00   0.00000E+00   0.00000E+00
       843        0        0   0.00000E+00   0.00000E+00   -10859.
   0.00000E+00   0.00000E+00   0.00000E+00
       844        0        0   0.00000E+00   0.00000E+00   -13492.
   0.00000E+00   0.00000E+00   0.00000E+00
       845        0        0   0.00000E+00   0.00000E+00   -11044.
   0.00000E+00   0.00000E+00   0.00000E+00
       846        0        0   0.00000E+00   0.00000E+00   -9110.9
   0.00000E+00   0.00000E+00   0.00000E+00
       847        0        0   0.00000E+00   0.00000E+00   -6828.0
   0.00000E+00   0.00000E+00   0.00000E+00
       848        0        0   0.00000E+00   0.00000E+00   -493.98
   0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -8310.5
   0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -8310.5
   0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -11478.
   0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -13541.
   0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -12098.
   0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -8587.4
   0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -10474.
   0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -8778.8
   0.00000E+00   0.00000E+00   0.00000E+00
       857        0        0   0.00000E+00   0.00000E+00   -10201.
   0.00000E+00   0.00000E+00   0.00000E+00
       858        0        0   0.00000E+00   0.00000E+00   -9052.3
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
      859       0       0   0.00000E+00   0.00000E+00   -79006.
      0.00000E+00   0.00000E+00   0.00000E+00
      860       0       0   0.00000E+00   0.00000E+00  -0.13180E+06
      0.00000E+00   0.00000E+00   0.00000E+00
      861       0       0   0.00000E+00   0.00000E+00   -24552.
      0.00000E+00   0.00000E+00   0.00000E+00
      862       0       0   0.00000E+00   0.00000E+00   -9400.4
      0.00000E+00   0.00000E+00   0.00000E+00
      863       0       0   0.00000E+00   0.00000E+00   -9380.5
      0.00000E+00   0.00000E+00   0.00000E+00
      864       0       0   0.00000E+00   0.00000E+00   -9872.8
      0.00000E+00   0.00000E+00   0.00000E+00
      865       0       0   0.00000E+00   0.00000E+00   -8635.3
      0.00000E+00   0.00000E+00   0.00000E+00
      866       0       0   0.00000E+00   0.00000E+00   -9966.8
      0.00000E+00   0.00000E+00   0.00000E+00
      867       0       0   0.00000E+00   0.00000E+00   -8310.5
      0.00000E+00   0.00000E+00   0.00000E+00
      868       0       0   0.00000E+00   0.00000E+00   -7990.9
      0.00000E+00   0.00000E+00   0.00000E+00
      869       0       0   0.00000E+00   0.00000E+00   -8717.3
      0.00000E+00   0.00000E+00   0.00000E+00
      870       0       0   0.00000E+00   0.00000E+00   -9530.9
      0.00000E+00   0.00000E+00   0.00000E+00
      871       0       0   0.00000E+00   0.00000E+00   -10345.
      0.00000E+00   0.00000E+00   0.00000E+00
      872       0       0   0.00000E+00   0.00000E+00   -8572.0
      0.00000E+00   0.00000E+00   0.00000E+00
      873       0       0   0.00000E+00   0.00000E+00   -8746.4
      0.00000E+00   0.00000E+00   0.00000E+00
      874       0       0   0.00000E+00   0.00000E+00   -9676.2
      0.00000E+00   0.00000E+00   0.00000E+00
      875       0       0   0.00000E+00   0.00000E+00   -8310.5
      0.00000E+00   0.00000E+00   0.00000E+00
      876       0       0   0.00000E+00   0.00000E+00   -9443.8
      0.00000E+00   0.00000E+00   0.00000E+00
      877       0       0   0.00000E+00   0.00000E+00   -6044.0
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =          391
          LARGEST NODE OR ELEMENT NUMBER              =          877



          L O A D   C A S E       667


  CDM_TRsx - My (My) @ 40 (+X) - Positive - Characteristic

           CONCENTRATED LOAD
    FIRST    LAST    DIFF         FORCE         FORCE         FORCE
    FORCE         FORCE         FORCE
     NODE    NODE    RNCE            FX            FY            FZ
     MX            MY            MZ
      481       0       0   0.00000E+00   0.00000E+00   -205.00
      0.00000E+00   0.00000E+00   0.00000E+00
      482       0       0   0.00000E+00   0.00000E+00   -678.11
      0.00000E+00   0.00000E+00   0.00000E+00
      483       0       0   0.00000E+00   0.00000E+00   -772.56
      0.00000E+00   0.00000E+00   0.00000E+00
      484       0       0   0.00000E+00   0.00000E+00   -725.55
      0.00000E+00   0.00000E+00   0.00000E+00
      485       0       0   0.00000E+00   0.00000E+00   -898.78
      0.00000E+00   0.00000E+00   0.00000E+00
      486       0       0   0.00000E+00   0.00000E+00   -1093.3
      0.00000E+00   0.00000E+00   0.00000E+00
      487       0       0   0.00000E+00   0.00000E+00   -877.45
```

```
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -804.77
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -724.68
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -773.43
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -930.12
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1093.3
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -940.13
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -710.75
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -818.70
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -679.42
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -708.14
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -2037.2
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3948.9
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3212.0
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2807.6
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2518.9
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2744.3
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2538.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2706.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -3314.3
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -3948.9
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2341.5
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -806.59
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -761.12
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -765.62
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -802.08
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -10761.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -12701.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -708.95
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -842.00
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -698.74
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -807.81
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -759.89
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -731.21
0.00000E+00   0.00000E+00   0.00000E+00
```

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524        0        0   0.00000E+00   0.00000E+00   -783.88
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -653.30
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -702.78
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -781.12
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -815.94
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -721.20
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -678.11
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -808.25
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -417.84
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1297.3
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4888.9
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4591.5
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5687.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6918.9
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5552.7
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -5092.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4586.0
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4894.5
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5886.0
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6918.9
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -5949.4
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -4497.8
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5180.9
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4299.5
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4481.3
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6295.7
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7793.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6589.8
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4943.1
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5413.0
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5219.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4860.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -5659.3
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -6309.2
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -7793.0
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -6219.2
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -5104.3
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -4816.5
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -4845.0
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -5075.8
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -40431.
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -47737.
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -4486.4
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -5328.4
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -4421.8
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -5112.0
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -4808.7
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -4627.3
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -4960.6
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -4134.3
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -4447.3
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -4943.1
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -5163.5
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -4563.9
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -4291.3
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -5114.8
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -2644.2
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -594.16
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -1322.7
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -2598.8
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -5495.1
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -6255.3
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -5878.9
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -7273.9
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00   -7095.2
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -6511.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
603        0        0   0.00000E+00   0.00000E+00   -5525.7
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5790.9
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -6338.7
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5499.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7498.8
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7514.5
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5898.1
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5495.1
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6461.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5673.1
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5685.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7599.4
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7508.3
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5612.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -6083.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -5958.4
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5587.0
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -6282.9
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -7227.3
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -8852.2
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -7496.5
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -6390.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -6217.2
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -6222.8
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -6384.5
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -51588.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -85896.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -51352.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -12109.
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5810.2
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -6485.3
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6121.9
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -6054.5
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6166.8
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5591.3
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0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5282.1
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5684.2
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6336.0
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6596.4
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5768.8
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5643.2
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -6416.4
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -3842.1
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1362.4
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -840.26
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2412.3
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5370.3
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5272.1
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4848.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5502.5
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -5184.9
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6387.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7785.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6211.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5714.3
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4972.6
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -4849.9
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -5818.6
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -4867.3
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6494.0
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7785.6
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6299.8
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5643.7
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -4848.3
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -5150.1
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5537.3
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -4849.3
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6599.8
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7785.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6510.1
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5326.6
0.00000E+00   0.00000E+00   0.00000E+00
```

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676        0        0   0.00000E+00   0.00000E+00   -4851.5
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -5462.9
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -5221.3
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -4852.6
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -6702.9
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -7785.6
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -6907.1
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -5173.4
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -5642.7
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -5549.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -5266.8
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -6275.3
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -57505.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -98648.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -16266.
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -5596.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5528.6
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5287.4
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -5752.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4852.0
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5238.9
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4622.1
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4980.8
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5609.6
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5770.3
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4849.8
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5449.5
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5237.5
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4839.2
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5531.2
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3411.4
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4715.8
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10170.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9435.3
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11186.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9662.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15227.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12699.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10454.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9528.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10729.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10099.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9894.4
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -12878.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -15227.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -12601.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9997.8
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10722.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -9636.5
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -10364.
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10283.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12530.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15227.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12334.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -11045.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9431.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -5903.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -8573.9
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -10038.
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -12681.
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738        0        0   0.00000E+00   0.00000E+00   -15233.
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -12924.
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -11139.
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741        0        0   0.00000E+00   0.00000E+00   -10220.
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -11511.
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -10096.
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -11388.
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.12149E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.20914E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -34473.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -10332.
0.00000E+00   0.00000E+00   0.00000E+00
```

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       749        0        0   0.00000E+00   0.00000E+00   -11426.
0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -9975.2
0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -11377.
0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -9652.8
0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -9811.1
0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -9345.7
0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -9887.9
0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -10690.
0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -11507.
0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -9464.0
0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -10489.
0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -10399.
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -9464.0
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -10829.
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -6735.0
0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -9442.7
0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -21588.
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       766        0        0   0.00000E+00   0.00000E+00   -20231.
0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -18897.
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       768        0        0   0.00000E+00   0.00000E+00   -22923.
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       769        0        0   0.00000E+00   0.00000E+00   -18885.
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       770        0        0   0.00000E+00   0.00000E+00   -25637.
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       771        0        0   0.00000E+00   0.00000E+00   -30578.
0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -26100.
0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -20208.
0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -18919.
0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -22900.
0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -20276.
0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -26055.
0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00   -30578.
0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -25614.
0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -18942.
0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -22877.
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -20299.
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -21520.
```

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0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -24754.
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -30578.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -24336.
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -22855.
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -6660.8
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -15436.
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -20760.
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -24997.
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -30597.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -25316.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -23484.
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -23829.
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -20056.
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -22643.
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -97941.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.15831E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -37931.
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -20077.
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -23613.
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -19636.
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -22980.
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -19569.
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -19226.
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -19100.
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -20016.
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -21161.
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -23348.
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -20875.
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -21058.
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -18985.
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -21699.
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -13558.
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -4164.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
822        0        0   0.00000E+00   0.00000E+00   -9522.0
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -8923.5
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -8334.9
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -10111.
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -8329.9
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -11308.
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -13487.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -11512.
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -8913.5
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -8344.9
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -10101.
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -8329.9
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -8943.4
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -11492.
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -13487.
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -11298.
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -8354.8
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -10091.
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -8329.9
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -8953.4
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -9492.1
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -10919.
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -13487.
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -10734.
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -10081.
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -8329.9
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -2937.9
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -6808.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -9156.9
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -11026.
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -11166.
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -10358.
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -8661.1
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -10510.
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -8846.5
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -9987.3
```

```
      0.00000E+00   0.00000E+00   0.00000E+00
      859       0       0   0.00000E+00   0.00000E+00   -78301.
      0.00000E+00   0.00000E+00   0.00000E+00
      860       0       0   0.00000E+00   0.00000E+00  -0.13237E+06
      0.00000E+00   0.00000E+00   0.00000E+00
      861       0       0   0.00000E+00   0.00000E+00   -24389.
      0.00000E+00   0.00000E+00   0.00000E+00
      862       0       0   0.00000E+00   0.00000E+00   -8855.5
      0.00000E+00   0.00000E+00   0.00000E+00
      863       0       0   0.00000E+00   0.00000E+00   -10415.
      0.00000E+00   0.00000E+00   0.00000E+00
      864       0       0   0.00000E+00   0.00000E+00   -8661.1
      0.00000E+00   0.00000E+00   0.00000E+00
      865       0       0   0.00000E+00   0.00000E+00   -10136.
      0.00000E+00   0.00000E+00   0.00000E+00
      866       0       0   0.00000E+00   0.00000E+00   -8631.7
      0.00000E+00   0.00000E+00   0.00000E+00
      867       0       0   0.00000E+00   0.00000E+00   -8480.1
      0.00000E+00   0.00000E+00   0.00000E+00
      868       0       0   0.00000E+00   0.00000E+00   -8424.6
      0.00000E+00   0.00000E+00   0.00000E+00
      869       0       0   0.00000E+00   0.00000E+00   -8828.6
      0.00000E+00   0.00000E+00   0.00000E+00
      870       0       0   0.00000E+00   0.00000E+00   -9333.7
      0.00000E+00   0.00000E+00   0.00000E+00
      871       0       0   0.00000E+00   0.00000E+00   -10298.
      0.00000E+00   0.00000E+00   0.00000E+00
      872       0       0   0.00000E+00   0.00000E+00   -8374.1
      0.00000E+00   0.00000E+00   0.00000E+00
      873       0       0   0.00000E+00   0.00000E+00   -9207.4
      0.00000E+00   0.00000E+00   0.00000E+00
      874       0       0   0.00000E+00   0.00000E+00   -9288.2
      0.00000E+00   0.00000E+00   0.00000E+00
      875       0       0   0.00000E+00   0.00000E+00   -8374.1
      0.00000E+00   0.00000E+00   0.00000E+00
      876       0       0   0.00000E+00   0.00000E+00   -9571.1
      0.00000E+00   0.00000E+00   0.00000E+00
      877       0       0   0.00000E+00   0.00000E+00   -5980.0
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =          391
          LARGEST NODE OR ELEMENT NUMBER              =          877
```

L O A D  C A S E  668

CDM_TRsx - My (My) @ 46 (-X) - Positive - Characteristic

```
          CONCENTRATED LOAD
    FIRST    LAST    DIFF         FORCE         FORCE         FORCE
    FORCE         FORCE         FORCE
     NODE    NODE    RNCE            FX            FY            FZ
     MX            MY            MZ
      481       0       0   0.00000E+00   0.00000E+00   -304.30
      0.00000E+00   0.00000E+00   0.00000E+00
      482       0       0   0.00000E+00   0.00000E+00   -738.32
      0.00000E+00   0.00000E+00   0.00000E+00
      483       0       0   0.00000E+00   0.00000E+00   -756.10
      0.00000E+00   0.00000E+00   0.00000E+00
      484       0       0   0.00000E+00   0.00000E+00   -674.88
      0.00000E+00   0.00000E+00   0.00000E+00
      485       0       0   0.00000E+00   0.00000E+00   -937.15
      0.00000E+00   0.00000E+00   0.00000E+00
      486       0       0   0.00000E+00   0.00000E+00   -1103.2
      0.00000E+00   0.00000E+00   0.00000E+00
      487       0       0   0.00000E+00   0.00000E+00   -948.46
```

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0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -674.88
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -739.13
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -755.30
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -674.88
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -787.62
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -889.06
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1092.7
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -9781.0
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -12771.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1711.5
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -674.88
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -788.43
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -705.99
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -1264.4
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3604.0
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3215.8
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2824.0
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2536.9
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2570.2
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2856.5
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2051.0
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2401.3
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2870.0
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2473.5
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2033.5
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1974.7
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2140.2
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2180.8
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -3080.1
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2606.1
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -3154.4
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2487.0
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2902.4
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2724.4
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2837.0
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2760.9
0.00000E+00   0.00000E+00   0.00000E+00
```

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524        0        0   0.00000E+00   0.00000E+00   -2568.9
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2705.4
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -2289.4
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1779.6
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -769.04
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -847.82
0.00000E+00   0.00000E+00   0.00000E+00
530      531        1   0.00000E+00   0.00000E+00   -664.90
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -44.060
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1925.7
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4672.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4784.8
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5930.5
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6981.6
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -6002.1
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4677.4
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4779.7
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4984.3
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5626.2
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6915.1
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -37398.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47651.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -8192.5
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4270.8
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4989.4
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4467.7
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -5840.8
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7683.8
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6474.7
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5403.2
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4840.8
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5539.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5121.2
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2260.8
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -735.09
```

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0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -878.56
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -757.20
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -622.50
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -604.49
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -655.17
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -2551.9
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -5960.1
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -5217.2
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -6134.9
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -4831.2
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -5936.6
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -5033.9
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -6021.9
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -4935.8
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -5538.3
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -5001.1
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -4536.1
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -4822.3
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -4866.7
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -5365.2
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -4207.7
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -4207.7
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -278.82
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -3194.1
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -5867.4
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -6231.4
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -5463.8
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -7550.5
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -8913.5
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601       0       0   0.00000E+00   0.00000E+00   -7651.2
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -5546.3
0.00000E+00   0.00000E+00   0.00000E+00
603       0       0   0.00000E+00   0.00000E+00   -5874.0
0.00000E+00   0.00000E+00   0.00000E+00
604       0       0   0.00000E+00   0.00000E+00   -6224.8
0.00000E+00   0.00000E+00   0.00000E+00
605       0       0   0.00000E+00   0.00000E+00   -5463.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
606        0        0   0.00000E+00   0.00000E+00   -6266.6
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7271.1
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33656.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -99119.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60461.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -10560.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5463.8
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -6273.1
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5825.7
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7295.3
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8846.7
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7307.7
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -6211.8
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5463.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -5427.9
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -4478.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -1722.2
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -1987.2
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -5291.3
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -4660.8
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -5451.7
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -4292.3
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -5768.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -5755.4
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -6830.6
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -5534.9
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -6420.4
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -5575.8
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -5174.4
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -5743.5
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -6231.6
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -6846.9
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -5434.7
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -5459.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -1647.7
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1174.8
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -1335.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -854.40
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5132.1
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4809.4
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5829.2
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6522.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.4
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6640.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5139.3
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4815.2
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5823.4
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5160.4
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6626.8
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00  -0.11194E+06
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5240.8
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5851.1
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5166.2
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5472.5
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6298.2
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6192.5
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5811.9
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1713.7
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -24.608
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -9.4626
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -10.919
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -29.073
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -25.609
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -29.954
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -23.584
0.00000E+00   0.00000E+00   0.00000E+00
```

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691        0        0   0.00000E+00   0.00000E+00   -1834.3
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -5408.1
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -5696.2
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -4979.8
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -5747.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -4793.9
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4608.4
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -5027.9
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -5496.9
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5966.7
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -4943.0
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -5043.0
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5555.0
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4769.7
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5420.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3468.9
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -13016.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.14401E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.21712E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9679.4
```

```
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -1244.9
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -7885.9
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -11252.
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -9635.4
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -11347.
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -9374.7
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -8987.8
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -9808.5
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -10815.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -11613.
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -9723.7
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -9837.3
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10949.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9374.7
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10649.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6826.1
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -26197.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00  -0.15248E+06
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -12910.
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -22723.
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -19235.
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -22900.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -18826.
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -18021.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -19670.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -21787.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -23260.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -19586.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -19724.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -22025.
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -18826.
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -21381.
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13717.
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -11182.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -10991.
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -9692.0
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -9174.5
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -9319.4
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -11555.
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00  -0.10631E+06
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00  -0.12517E+06
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -8574.2
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -8543.2
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -9950.7
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -8915.8
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -11508.
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -11441.
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -460.54
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -5694.3
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -10022.
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -8484.2
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -10101.
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -8303.8
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -7948.5
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -8676.0
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -9610.0
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -10260.
0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -8638.8
0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -8699.7
0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -9714.9
0.00000E+00   0.00000E+00   0.00000E+00
875        0        0   0.00000E+00   0.00000E+00   -8303.8
0.00000E+00   0.00000E+00   0.00000E+00
876        0        0   0.00000E+00   0.00000E+00   -9430.6
0.00000E+00   0.00000E+00   0.00000E+00
877        0        0   0.00000E+00   0.00000E+00   -6050.2
0.00000E+00   0.00000E+00   0.00000E+00
```

NUMBER OF LOADED NODES OR ELEMENTS = 336
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 669

CDM_TRsx - My (My) @ 46 (+X) - Positive - Characteristic

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF FORCE RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -204.96 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -777.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -718.97 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -901.16 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -891.40 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -784.04 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -751.51 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -745.00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -940.20 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1099.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7789.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12708. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -771.03 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -764.52 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2691.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3963.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3315.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2655.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2577.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2733.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
507        0        0   0.00000E+00   0.00000E+00   -2614.8
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2333.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2508.0
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2881.1
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2534.5
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1841.6
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2223.8
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -1892.3
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -2114.0
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2104.5
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2784.0
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2926.0
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2565.5
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2999.3
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2562.8
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -3054.0
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2554.0
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -2667.2
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2744.1
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -2229.4
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -2387.6
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1252.2
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -834.26
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -661.97
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -172.29
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1297.0
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4920.4
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4549.8
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5702.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.4
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5641.0
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4961.6
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4755.7
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4714.5
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4282.2
```

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0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5949.8
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -6958.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -30446.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47251.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -15333.
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4879.2
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4838.1
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6270.4
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7796.0
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6481.0
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5025.0
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5589.0
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4911.8
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5247.8
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -4045.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -767.76
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -881.97
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -775.87
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -563.75
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -680.75
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -579.28
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -647.14
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -1261.0
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -5041.1
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -5939.6
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -4995.2
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -5798.5
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -5127.5
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -5971.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -4954.6
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -5512.9
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -5044.9
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -4505.1
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -5026.8
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -5043.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
586        0        0   0.00000E+00   0.00000E+00   -5279.4
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -4189.1
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1090.3
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2563.2
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5475.9
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6367.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5743.8
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7321.9
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7288.8
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6239.6
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5477.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -6200.8
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5909.1
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5562.0
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7595.9
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33700.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -90189.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60059.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -19679.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6074.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5563.4
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6197.4
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7287.5
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7282.1
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5867.4
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -6239.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4713.0
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -4690.3
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -3512.5
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -650.46
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -4417.7
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -5319.5
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -4439.9
```

```
0.00000E+00   0.00000E+00   0.00000E+00
634       0       0   0.00000E+00   0.00000E+00   -5147.0
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -4580.3
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -5333.8
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -5558.3
0.00000E+00   0.00000E+00   0.00000E+00
638       0       0   0.00000E+00   0.00000E+00   -6109.1
0.00000E+00   0.00000E+00   0.00000E+00
639       0       0   0.00000E+00   0.00000E+00   -5798.9
0.00000E+00   0.00000E+00   0.00000E+00
640       0       0   0.00000E+00   0.00000E+00   -5110.6
0.00000E+00   0.00000E+00   0.00000E+00
641       0       0   0.00000E+00   0.00000E+00   -5654.9
0.00000E+00   0.00000E+00   0.00000E+00
642       0       0   0.00000E+00   0.00000E+00   -6464.4
0.00000E+00   0.00000E+00   0.00000E+00
643       0       0   0.00000E+00   0.00000E+00   -6540.0
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -5587.0
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -2250.4
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -1382.8
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -1197.8
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -1299.5
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -869.44
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -5128.6
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -4807.3
0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -5829.9
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -4805.9
0.00000E+00   0.00000E+00   0.00000E+00
656       0       0   0.00000E+00   0.00000E+00   -6521.3
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -6638.3
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -5143.1
0.00000E+00   0.00000E+00   0.00000E+00
660       0       0   0.00000E+00   0.00000E+00   -4813.0
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -5823.3
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -4806.8
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -5156.5
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -6628.6
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00  -0.11187E+06
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -5238.6
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -5921.6
0.00000E+00   0.00000E+00   0.00000E+00
669       0       0   0.00000E+00   0.00000E+00   -4807.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
670        0        0   0.00000E+00   0.00000E+00   -5162.3
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5474.5
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6298.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6192.3
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5810.0
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4808.6
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1709.8
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -25.771
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -19.300
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -3.5739
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -24.273
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -29.228
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -24.395
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -28.280
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -25.167
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -117.55
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -4723.7
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -4721.2
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -5563.3
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -4403.2
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -4589.6
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -6319.1
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -5069.5
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -5637.2
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -4700.0
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -5614.1
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -4863.0
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -5276.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -3529.9
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
```

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0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -60.937
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4513.1
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -9218.6
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -10686.
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -8750.0
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -8977.7
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -12359.
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -9844.9
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -11142.
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -9218.6
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -10973.
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -9613.1
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -10353.
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -6949.9
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -3935.5
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -18505.
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -21241.
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -17723.
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -18035.
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -24812.
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -19704.
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -22492.
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -18505.
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -21971.
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -19365.
 0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -20772.
 0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -13970.
 0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4186.2
 0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -9433.2
 0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -9060.7
 0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -8372.4
 0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -9805.8
 0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -8688.1
 0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -11182.
 0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -13495.
 0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -10991.
 0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -9692.0
 0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -8372.4
 0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -9174.5
 0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -9319.4
 0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -8372.4
 0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -37336.
 0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00  -0.15787E+06
 0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -47830.
 0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -8574.2
 0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -8543.2
 0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -9950.7
 0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -8372.4
 0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -8915.8
 0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -11508.
 0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -13495.
 0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -11441.
 0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -8372.4
 0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -8372.4
 0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -460.54
 0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -1735.9
 0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -8162.0
 0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -9369.0
 0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -7817.1
 0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -7955.0
 0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10944. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8690.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9920.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8162.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9690.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8541.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9162.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -6161.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 326
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 670

CDM_TRsx - My (My) @ 52 - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -304.99 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -734.43 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -762.08 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -934.50 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -958.09 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -684.00 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -708.40 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -788.11 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -747.44 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -915.80 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7749.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12714. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3821.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1040.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
499        0        0   0.00000E+00   0.00000E+00   -2492.9
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2658.4
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -3339.1
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3961.5
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3283.0
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2570.9
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2835.9
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2479.3
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2687.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2407.6
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2316.4
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2868.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2377.2
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2196.8
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1831.0
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2270.3
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1831.0
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2196.8
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1937.0
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2221.7
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1869.2
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2027.6
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2051.5
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1976.3
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2074.6
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1771.5
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2053.7
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1625.9
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1744.2
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2248.3
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1944.8
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1929.4
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1455.5
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1930.1
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4647.6
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4822.6
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4282.2
```

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542 0 0 0.00000E+00 0.00000E+00 -5913.8
0.00000E+00 0.00000E+00 0.00000E+00
543 0 0 0.00000E+00 0.00000E+00 -6917.4
0.00000E+00 0.00000E+00 0.00000E+00
544 0 0 0.00000E+00 0.00000E+00 -6063.0
0.00000E+00 0.00000E+00 0.00000E+00
545 0 0 0.00000E+00 0.00000E+00 -4328.5
0.00000E+00 0.00000E+00 0.00000E+00
546 0 0 0.00000E+00 0.00000E+00 -4482.9
0.00000E+00 0.00000E+00 0.00000E+00
547 0 0 0.00000E+00 0.00000E+00 -4987.3
0.00000E+00 0.00000E+00 0.00000E+00
548 0 0 0.00000E+00 0.00000E+00 -4282.2
0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
552 0 0 0.00000E+00 0.00000E+00 -30194.
0.00000E+00 0.00000E+00 0.00000E+00
553 0 0 0.00000E+00 0.00000E+00 -47287.
0.00000E+00 0.00000E+00 0.00000E+00
554 0 0 0.00000E+00 0.00000E+00 -15894.
0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
561 0 0 0.00000E+00 0.00000E+00 -5601.7
0.00000E+00 0.00000E+00 0.00000E+00
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564 0 0 0.00000E+00 0.00000E+00 -5647.3
0.00000E+00 0.00000E+00 0.00000E+00
565 0 0 0.00000E+00 0.00000E+00 -2975.4
0.00000E+00 0.00000E+00 0.00000E+00
566 0 0 0.00000E+00 0.00000E+00 -709.10
0.00000E+00 0.00000E+00 0.00000E+00
567 0 0 0.00000E+00 0.00000E+00 -878.08
0.00000E+00 0.00000E+00 0.00000E+00
568 0 0 0.00000E+00 0.00000E+00 -727.73
0.00000E+00 0.00000E+00 0.00000E+00
569 0 0 0.00000E+00 0.00000E+00 -672.50
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0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
573 0 0 0.00000E+00 0.00000E+00 -672.50
0.00000E+00 0.00000E+00 0.00000E+00
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0.00000E+00 0.00000E+00 0.00000E+00
575 0 0 0.00000E+00 0.00000E+00 -680.10
0.00000E+00 0.00000E+00 0.00000E+00
576 0 0 0.00000E+00 0.00000E+00 -572.22
0.00000E+00 0.00000E+00 0.00000E+00
577 0 0 0.00000E+00 0.00000E+00 -620.71
0.00000E+00 0.00000E+00 0.00000E+00

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       578        0        0   0.00000E+00   0.00000E+00   -628.01
0.00000E+00   0.00000E+00   0.00000E+00
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       581        0        0   0.00000E+00   0.00000E+00   -542.28
0.00000E+00   0.00000E+00   0.00000E+00
       582        0        0   0.00000E+00   0.00000E+00   -628.68
0.00000E+00   0.00000E+00   0.00000E+00
       583        0        0   0.00000E+00   0.00000E+00   -497.73
0.00000E+00   0.00000E+00   0.00000E+00
       584        0        0   0.00000E+00   0.00000E+00   -533.95
0.00000E+00   0.00000E+00   0.00000E+00
       585        0        0   0.00000E+00   0.00000E+00   -688.27
0.00000E+00   0.00000E+00   0.00000E+00
       586        0        0   0.00000E+00   0.00000E+00   -595.35
0.00000E+00   0.00000E+00   0.00000E+00
       587        0        0   0.00000E+00   0.00000E+00   -590.64
0.00000E+00   0.00000E+00   0.00000E+00
       588        0        0   0.00000E+00   0.00000E+00   -445.56
0.00000E+00   0.00000E+00   0.00000E+00
       593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
       594        0        0   0.00000E+00   0.00000E+00   -1346.1
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       595        0        0   0.00000E+00   0.00000E+00   -3198.5
0.00000E+00   0.00000E+00   0.00000E+00
       596        0        0   0.00000E+00   0.00000E+00   -5842.7
0.00000E+00   0.00000E+00   0.00000E+00
       597        0        0   0.00000E+00   0.00000E+00   -6269.3
0.00000E+00   0.00000E+00   0.00000E+00
       598        0        0   0.00000E+00   0.00000E+00   -5475.2
0.00000E+00   0.00000E+00   0.00000E+00
       599        0        0   0.00000E+00   0.00000E+00   -7533.6
0.00000E+00   0.00000E+00   0.00000E+00
       600        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
       601        0        0   0.00000E+00   0.00000E+00   -7712.4
0.00000E+00   0.00000E+00   0.00000E+00
       602        0        0   0.00000E+00   0.00000E+00   -5604.2
0.00000E+00   0.00000E+00   0.00000E+00
       603        0        0   0.00000E+00   0.00000E+00   -5678.8
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
       605        0        0   0.00000E+00   0.00000E+00   -5475.2
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
       607        0        0   0.00000E+00   0.00000E+00   -7440.9
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       608        0        0   0.00000E+00   0.00000E+00   -33658.
0.00000E+00   0.00000E+00   0.00000E+00
       609        0        0   0.00000E+00   0.00000E+00   -89936.
0.00000E+00   0.00000E+00   0.00000E+00
       610        0        0   0.00000E+00   0.00000E+00   -60095.
0.00000E+00   0.00000E+00   0.00000E+00
       611        0        0   0.00000E+00   0.00000E+00   -20242.
0.00000E+00   0.00000E+00   0.00000E+00
       612        0        0   0.00000E+00   0.00000E+00   -5475.2
0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
       614        0        0   0.00000E+00   0.00000E+00   -6264.6
0.00000E+00   0.00000E+00   0.00000E+00
       615        0        0   0.00000E+00   0.00000E+00   -7148.1
0.00000E+00   0.00000E+00   0.00000E+00
       616        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
       617        0        0   0.00000E+00   0.00000E+00   -7070.3
0.00000E+00   0.00000E+00   0.00000E+00
       618        0        0   0.00000E+00   0.00000E+00   -6502.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5604.4
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4831.8
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5088.0
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2360.6
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -19.879
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -298.19
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5132.1
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4809.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5829.4
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6522.5
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
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658        0        0   0.00000E+00   0.00000E+00   -6640.7
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5139.6
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4814.1
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5824.6
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5159.0
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664        0        0   0.00000E+00   0.00000E+00   -6627.7
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00  -0.11187E+06
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5238.8
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668        0        0   0.00000E+00   0.00000E+00   -5924.7
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4804.4
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5163.8
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5474.9
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6297.4
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6191.2
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5813.5
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4805.1
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1710.4
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678        0        0   0.00000E+00   0.00000E+00   -27.956
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679        0        0   0.00000E+00   0.00000E+00   -12.971
0.00000E+00   0.00000E+00   0.00000E+00
```

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0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
       713        0        0   0.00000E+00   0.00000E+00   -12670.
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       719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
       721        0        0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
       722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
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       723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
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       724        0        0   0.00000E+00   0.00000E+00   -9590.4
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       725        0        0   0.00000E+00   0.00000E+00   -10255.
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       727        0        0   0.00000E+00   0.00000E+00   -9679.4
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       730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -10126.
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       734        0        0   0.00000E+00   0.00000E+00   -1500.4
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       762        0        0   0.00000E+00   0.00000E+00   -1086.2
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       763        0        0   0.00000E+00   0.00000E+00   -3102.1
0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -22231.
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0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25352.
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771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24918.
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773        0        0   0.00000E+00   0.00000E+00   -21973.
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774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -20800.
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776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22560.
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784        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -3188.2
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -7014.1
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -11182.
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -10991.
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -9692.0
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9174.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9319.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -37336. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.15787E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47830. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8574.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8543.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9950.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8915.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11508. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13495. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11441. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -460.54 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1406.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3093.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 256
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 671

CDM_TRsx - My (My) @ 58 (-X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -619.75 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -705.15 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -687.25 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -809.25 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -871.06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -885.70 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
488        0        0   0.00000E+00   0.00000E+00   -765.33
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -731.17
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -676.68
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -804.37
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -692.13
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -917.55
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -3252.9
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -12274.
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -14567.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -3557.6
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2785.6
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -2496.9
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2689.9
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -3330.2
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3964.5
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3326.0
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2494.9
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2865.2
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2522.9
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2584.2
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2195.2
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2319.8
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2869.8
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2345.2
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2253.4
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1839.4
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2191.8
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1921.4
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2089.5
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2063.7
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2070.7
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2020.0
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1867.3
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2228.2
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1839.4
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2149.2
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1839.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1807.8
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1789.2
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1870.5
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1998.5
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2174.9
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1778.7
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1986.4
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1944.7
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1778.7
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -450.27
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -3921.9
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4462.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4349.1
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -5121.1
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5512.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.4
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5604.9
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4843.2
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4627.0
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -5090.3
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4380.0
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5761.6
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7578.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -38251.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -48305.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -8289.1
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5540.0
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -5089.2
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4898.5
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6803.9
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7806.2
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6665.5
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4838.8
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5407.7
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5253.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
564        0        0   0.00000E+00   0.00000E+00   -4866.1
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1705.5
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -710.15
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.51
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -717.91
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -689.82
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -563.09
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -670.95
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -588.18
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -639.64
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -631.74
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -633.89
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -618.37
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -571.63
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -682.10
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -563.09
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -657.92
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -562.97
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -553.40
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -547.70
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -572.61
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -611.80
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -665.79
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -544.51
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -608.08
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -595.32
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -544.51
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -137.84
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -5197.6
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5656.7
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -5794.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -6317.2
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7130.7
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7252.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6120.8
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5823.4
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5725.5
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -6286.2
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5660.1
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7404.8
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33658.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -99214.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60570.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -10066.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6120.9
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5826.8
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5639.5
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7643.9
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8859.4
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7473.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5722.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5955.6
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -5141.7
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -4297.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -1089.9
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5143.1
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4808.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5826.8
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4809.0
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6520.3
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6638.1
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5142.5
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4814.9
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5820.7
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4808.9
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5157.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6627.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
665        0        0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00  -0.11194E+06
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5241.4
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5848.4
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4808.0
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5163.7
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5471.4
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6300.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.1
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6193.4
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5809.2
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4807.1
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1712.1
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -23.614
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5.9886
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10291.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -103.05
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -1545.8
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 819 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -318.82 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 820 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4782.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 821 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4186.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 822 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9433.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 823 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9060.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 824 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 825 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9805.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8688.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11182. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13495. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10991. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9692.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9174.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9319.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -37336. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.15787E+06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47830. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8574.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8543.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9950.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8915.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11508. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13495. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11441. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -460.54 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -140.63 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2109.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

| | | |
|---|---|---|
| NUMBER OF LOADED NODES OR ELEMENTS | = | 258 |
| LARGEST NODE OR ELEMENT NUMBER | = | 877 |

L O A D C A S E 672

CDM_TRsx - My (My) @ 58 (+X) - Positive - Characteristic

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -417.38 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -808.99 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.45 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -718.97 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -934.61 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -928.48 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.45 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -777.89 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -720.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.45 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -807.35 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -875.69 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7735.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12756. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4319.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2459.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2779.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2652.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3250.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3963.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3165.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2936.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2466.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2589.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2842.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2153.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2436.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2870.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2526.3 |

```
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1943.1
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2062.8
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2053.6
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1952.3
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2164.1
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1944.1
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2228.1
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1812.2
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2137.9
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1952.3
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -2053.6
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2015.0
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1780.8
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -2084.1
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1604.7
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1752.5
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2235.2
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1971.0
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1868.8
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -2064.5
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1780.8
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1947.1
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -1448.1
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -2641.3
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -5119.5
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4293.4
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4549.8
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5914.5
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6919.2
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5875.6
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4293.4
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4922.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4560.1
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4293.4
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -5109.1
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -5541.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
551        0        0   0.00000E+00   0.00000E+00   -6919.2
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -30103.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47555.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -15804.
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4838.6
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -5392.5
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5294.4
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6369.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7797.8
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6205.6
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5795.3
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4882.6
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5013.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -5673.0
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2904.2
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -745.82
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.60
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -773.36
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -594.82
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -631.47
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -628.65
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -597.64
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -662.48
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -595.13
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -682.07
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -554.76
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -654.45
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -597.64
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -628.65
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -616.84
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -545.13
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -637.99
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -491.22
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -536.48
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -684.25
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -603.38
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -572.09
```

```
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -632.00
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -545.13
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -596.05
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -443.30
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -3912.3
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -6316.3
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -5738.2
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5743.8
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7534.4
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8850.9
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7524.3
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -5569.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -6120.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -6004.5
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5486.5
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -6391.9
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7186.2
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33660.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -89845.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60364.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -19986.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5486.5
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -6055.4
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6069.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7211.7
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8850.9
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7040.0
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -6589.0
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5530.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4867.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -5065.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2367.6
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
```

```
652        0        0   0.00000E+00   0.00000E+00   -5136.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4811.9
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5826.5
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4805.9
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6522.5
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6639.6
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5139.4
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4816.5
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661        0        0   0.00000E+00   0.00000E+00   -5822.2
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4804.5
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5161.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6626.3
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00  -0.11187E+06
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5240.3
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5923.3
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4804.5
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5165.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5473.8
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6297.7
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6191.0
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5814.0
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4804.7
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1710.6
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -27.831
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -13.009
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12611.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
```

781 0 0 0.00000E+00 0.00000E+00 -19439.
0.00000E+00 0.00000E+00 0.00000E+00
782 0 0 0.00000E+00 0.00000E+00 -19369.
0.00000E+00 0.00000E+00 0.00000E+00
783 0 0 0.00000E+00 0.00000E+00 -22560.
0.00000E+00 0.00000E+00 0.00000E+00
784 0 0 0.00000E+00 0.00000E+00 -18982.
0.00000E+00 0.00000E+00 0.00000E+00
785 0 0 0.00000E+00 0.00000E+00 -20214.
0.00000E+00 0.00000E+00 0.00000E+00
786 0 0 0.00000E+00 0.00000E+00 -26091.
0.00000E+00 0.00000E+00 0.00000E+00
787 0 0 0.00000E+00 0.00000E+00 -30596.
0.00000E+00 0.00000E+00 0.00000E+00
788 0 0 0.00000E+00 0.00000E+00 -25939.
0.00000E+00 0.00000E+00 0.00000E+00
789 0 0 0.00000E+00 0.00000E+00 -18982.
0.00000E+00 0.00000E+00 0.00000E+00
790 0 0 0.00000E+00 0.00000E+00 -18982.
0.00000E+00 0.00000E+00 0.00000E+00
791 0 0 0.00000E+00 0.00000E+00 -1044.1
0.00000E+00 0.00000E+00 0.00000E+00
821 0 0 0.00000E+00 0.00000E+00 -4186.2
0.00000E+00 0.00000E+00 0.00000E+00
822 0 0 0.00000E+00 0.00000E+00 -9433.2
0.00000E+00 0.00000E+00 0.00000E+00
823 0 0 0.00000E+00 0.00000E+00 -9060.7
0.00000E+00 0.00000E+00 0.00000E+00
824 0 0 0.00000E+00 0.00000E+00 -8372.4
0.00000E+00 0.00000E+00 0.00000E+00
825 0 0 0.00000E+00 0.00000E+00 -9805.8
0.00000E+00 0.00000E+00 0.00000E+00
826 0 0 0.00000E+00 0.00000E+00 -8688.1
0.00000E+00 0.00000E+00 0.00000E+00
827 0 0 0.00000E+00 0.00000E+00 -11182.
0.00000E+00 0.00000E+00 0.00000E+00
828 0 0 0.00000E+00 0.00000E+00 -13495.
0.00000E+00 0.00000E+00 0.00000E+00
829 0 0 0.00000E+00 0.00000E+00 -10991.
0.00000E+00 0.00000E+00 0.00000E+00
830 0 0 0.00000E+00 0.00000E+00 -9692.0
0.00000E+00 0.00000E+00 0.00000E+00
831 0 0 0.00000E+00 0.00000E+00 -8372.4
0.00000E+00 0.00000E+00 0.00000E+00
832 0 0 0.00000E+00 0.00000E+00 -9174.5
0.00000E+00 0.00000E+00 0.00000E+00
833 0 0 0.00000E+00 0.00000E+00 -9319.4
0.00000E+00 0.00000E+00 0.00000E+00
834 0 0 0.00000E+00 0.00000E+00 -8372.4
0.00000E+00 0.00000E+00 0.00000E+00
835 0 0 0.00000E+00 0.00000E+00 -37336.
0.00000E+00 0.00000E+00 0.00000E+00
836 0 0 0.00000E+00 0.00000E+00 -0.15787E+06
0.00000E+00 0.00000E+00 0.00000E+00
837 0 0 0.00000E+00 0.00000E+00 -47830.
0.00000E+00 0.00000E+00 0.00000E+00
838 0 0 0.00000E+00 0.00000E+00 -8574.2
0.00000E+00 0.00000E+00 0.00000E+00
839 0 0 0.00000E+00 0.00000E+00 -8543.2
0.00000E+00 0.00000E+00 0.00000E+00
840 0 0 0.00000E+00 0.00000E+00 -9950.7
0.00000E+00 0.00000E+00 0.00000E+00
841 0 0 0.00000E+00 0.00000E+00 -8372.4
0.00000E+00 0.00000E+00 0.00000E+00
842 0 0 0.00000E+00 0.00000E+00 -8915.8
0.00000E+00 0.00000E+00 0.00000E+00
843 0 0 0.00000E+00 0.00000E+00 -11508.
0.00000E+00 0.00000E+00 0.00000E+00
844 0 0 0.00000E+00 0.00000E+00 -13495.
0.00000E+00 0.00000E+00 0.00000E+00
845 0 0 0.00000E+00 0.00000E+00 -11441.
0.00000E+00 0.00000E+00 0.00000E+00
846 0 0 0.00000E+00 0.00000E+00 -8372.4

0.00000E+00 0.00000E+00 0.00000E+00
847 0 0 0.00000E+00 0.00000E+00 -8372.4
0.00000E+00 0.00000E+00 0.00000E+00
848 0 0 0.00000E+00 0.00000E+00 -460.54
0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 252
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 673

CDM_TRsx - My (My) @ 60.5 - Positive - Characteristic

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -619.75 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -705.15 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -687.25 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -809.25 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -871.06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -885.70 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -765.33 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -731.17 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -804.37 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1789.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3414.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3963.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12256. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14568. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3609.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2735.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2498.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2735.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3300.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3964.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3315.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2527.5 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2834.0
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2524.2
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2609.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2170.8
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2327.8
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2870.0
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2351.6
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2242.6
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1840.9
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2198.6
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1916.6
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2091.2
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2064.2
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2067.1
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2025.3
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1859.0
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2238.7
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1840.9
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2132.6
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1856.3
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1786.2
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1803.4
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1883.1
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1973.8
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2198.5
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1780.0
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1951.1
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1981.4
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1780.0
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2033.6
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1272.8
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -3921.9
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4462.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4349.1
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -5121.1
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5512.3
0.00000E+00   0.00000E+00   0.00000E+00
```

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543        0        0   0.00000E+00   0.00000E+00   -6917.4
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5604.9
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4843.2
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4627.0
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -5090.3
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4715.8
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6526.0
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7796.0
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -38245.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -48305.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -8305.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5524.5
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -5089.6
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -4912.3
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6794.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7806.3
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6662.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -4848.8
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -5254.3
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4874.0
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1698.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -712.58
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.57
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -719.87
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -686.50
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -563.54
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -673.04
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -586.70
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -640.17
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -631.88
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -632.79
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -619.99
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -569.08
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -685.31
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -563.54
```

```
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -652.84
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -568.25
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -546.79
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -552.05
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -576.46
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -604.23
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -673.02
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -544.90
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -597.29
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -606.54
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -544.90
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -622.53
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -389.63
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -5197.6
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5656.7
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -5794.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -6317.2
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7130.7
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7252.6
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6120.8
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5823.4
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5725.5
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -6286.2
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5660.1
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7404.8
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33658.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -99214.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60570.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -10066.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6120.9
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5826.8
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -5639.5
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7643.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
616        0        0   0.00000E+00   0.00000E+00   -8859.4
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7473.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5722.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5955.6
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -5141.7
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -4297.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -1089.9
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5143.1
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4808.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5826.8
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4809.0
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6520.3
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6638.1
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5142.5
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4814.9
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5820.7
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4808.9
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5157.1
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6627.5
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00  -0.11194E+06
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5241.4
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5848.4
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4808.0
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5163.7
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5471.4
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6300.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.1
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6193.4
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5809.2
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4807.1
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1712.1
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -23.614
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5.9886
```

```
0.00000E+00   0.00000E+00   0.00000E+00
707       0       0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708       0       0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709       0       0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710       0       0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711       0       0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712       0       0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713       0       0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714       0       0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715       0       0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716       0       0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717       0       0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718       0       0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719       0       0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720       0       0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721       0       0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
722       0       0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
723       0       0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
724       0       0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725       0       0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
726       0       0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727       0       0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
728       0       0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
729       0       0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730       0       0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731       0       0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732       0       0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
733       0       0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
764       0       0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
766       0       0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
767       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
768       0       0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
769       0       0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
770       0       0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
771       0       0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -11182.
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -10991.
0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -9692.0
0.00000E+00   0.00000E+00   0.00000E+00
       831        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
       832        0        0   0.00000E+00   0.00000E+00   -9174.5
0.00000E+00   0.00000E+00   0.00000E+00
       833        0        0   0.00000E+00   0.00000E+00   -9319.4
0.00000E+00   0.00000E+00   0.00000E+00
       834        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
       835        0        0   0.00000E+00   0.00000E+00   -37336.
0.00000E+00   0.00000E+00   0.00000E+00
       836        0        0   0.00000E+00   0.00000E+00  -0.15787E+06
0.00000E+00   0.00000E+00   0.00000E+00
       837        0        0   0.00000E+00   0.00000E+00   -47830.
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8574.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8543.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9950.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8915.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11508. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13495. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11441. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -460.54 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 254
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 674

CDM_TRsx - My (My) @ 64 - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -620.72 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -701.95 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -696.29 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -798.13 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -874.91 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1092.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -876.53 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -793.28 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -711.00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2477.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2578.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2544.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3388.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3962.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12276. | | |

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0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -14512.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -3682.0
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2702.7
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -2455.5
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2852.3
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -3224.2
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3962.8
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3271.5
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2590.4
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2837.2
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2455.5
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2645.4
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2035.0
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2339.8
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2870.1
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2367.9
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2214.6
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1841.7
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2224.5
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1891.8
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2114.4
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2040.9
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2090.0
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2005.1
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1876.2
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2222.0
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1841.7
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2148.9
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1841.8
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1798.4
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1795.1
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1879.2
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1981.7
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2192.7
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1780.7
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1956.1
0.00000E+00   0.00000E+00   0.00000E+00
```

```
532        0        0   0.00000E+00   0.00000E+00   -1977.1
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1780.7
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2035.0
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1272.1
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -3928.1
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -4442.1
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4406.3
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -5050.8
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5536.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6915.1
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5546.9
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -5020.1
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4440.0
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -4956.5
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -5590.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4843.0
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6598.2
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7793.7
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -38480.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47946.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -8455.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5624.1
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4815.9
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5368.1
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6506.5
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7793.7
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6469.9
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5000.8
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5660.4
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4815.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4874.0
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1058.6
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -716.28
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.60
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -724.88
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -677.93
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -563.77
```

```
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -680.96
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -579.11
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -647.26
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -624.76
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -639.81
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -613.82
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -574.34
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -680.20
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -563.77
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -657.81
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -563.81
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -550.53
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -549.53
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -575.27
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -606.65
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -671.22
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -545.10
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -598.81
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -605.24
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -545.10
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -622.95
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -389.42
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593       0       0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -5203.8
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -5636.4
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -5851.5
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -6246.6
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -7155.2
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -8846.7
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00   -7194.4
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -6298.3
0.00000E+00   0.00000E+00   0.00000E+00
603       0       0   0.00000E+00   0.00000E+00   -5632.7
0.00000E+00   0.00000E+00   0.00000E+00
604       0       0   0.00000E+00   0.00000E+00   -5855.3
0.00000E+00   0.00000E+00   0.00000E+00
605       0       0   0.00000E+00   0.00000E+00   -6241.5
0.00000E+00   0.00000E+00   0.00000E+00
606       0       0   0.00000E+00   0.00000E+00   -5550.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       607        0        0   0.00000E+00   0.00000E+00   -7489.3
0.00000E+00   0.00000E+00   0.00000E+00
       608        0        0   0.00000E+00   0.00000E+00   -33656.
0.00000E+00   0.00000E+00   0.00000E+00
       609        0        0   0.00000E+00   0.00000E+00   -99455.
0.00000E+00   0.00000E+00   0.00000E+00
       610        0        0   0.00000E+00   0.00000E+00   -60209.
0.00000E+00   0.00000E+00   0.00000E+00
       611        0        0   0.00000E+00   0.00000E+00   -10201.
0.00000E+00   0.00000E+00   0.00000E+00
       612        0        0   0.00000E+00   0.00000E+00   -6236.3
0.00000E+00   0.00000E+00   0.00000E+00
       613        0        0   0.00000E+00   0.00000E+00   -5551.9
0.00000E+00   0.00000E+00   0.00000E+00
       614        0        0   0.00000E+00   0.00000E+00   -6082.4
0.00000E+00   0.00000E+00   0.00000E+00
       615        0        0   0.00000E+00   0.00000E+00   -7364.6
0.00000E+00   0.00000E+00   0.00000E+00
       616        0        0   0.00000E+00   0.00000E+00   -8846.7
0.00000E+00   0.00000E+00   0.00000E+00
       617        0        0   0.00000E+00   0.00000E+00   -7284.6
0.00000E+00   0.00000E+00   0.00000E+00
       618        0        0   0.00000E+00   0.00000E+00   -5862.7
0.00000E+00   0.00000E+00   0.00000E+00
       619        0        0   0.00000E+00   0.00000E+00   -6231.2
0.00000E+00   0.00000E+00   0.00000E+00
       620        0        0   0.00000E+00   0.00000E+00   -4701.5
0.00000E+00   0.00000E+00   0.00000E+00
       621        0        0   0.00000E+00   0.00000E+00   -4286.2
0.00000E+00   0.00000E+00   0.00000E+00
       622        0        0   0.00000E+00   0.00000E+00   -459.42
0.00000E+00   0.00000E+00   0.00000E+00
       650        0        0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
       651        0        0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
       652        0        0   0.00000E+00   0.00000E+00   -5143.1
0.00000E+00   0.00000E+00   0.00000E+00
       653        0        0   0.00000E+00   0.00000E+00   -4808.2
0.00000E+00   0.00000E+00   0.00000E+00
       654        0        0   0.00000E+00   0.00000E+00   -5827.1
0.00000E+00   0.00000E+00   0.00000E+00
       655        0        0   0.00000E+00   0.00000E+00   -4808.7
0.00000E+00   0.00000E+00   0.00000E+00
       656        0        0   0.00000E+00   0.00000E+00   -6520.4
0.00000E+00   0.00000E+00   0.00000E+00
       657        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
       658        0        0   0.00000E+00   0.00000E+00   -6637.8
0.00000E+00   0.00000E+00   0.00000E+00
       659        0        0   0.00000E+00   0.00000E+00   -5143.4
0.00000E+00   0.00000E+00   0.00000E+00
       660        0        0   0.00000E+00   0.00000E+00   -4813.9
0.00000E+00   0.00000E+00   0.00000E+00
       661        0        0   0.00000E+00   0.00000E+00   -5821.4
0.00000E+00   0.00000E+00   0.00000E+00
       662        0        0   0.00000E+00   0.00000E+00   -4808.6
0.00000E+00   0.00000E+00   0.00000E+00
       663        0        0   0.00000E+00   0.00000E+00   -5156.5
0.00000E+00   0.00000E+00   0.00000E+00
       664        0        0   0.00000E+00   0.00000E+00   -6628.0
0.00000E+00   0.00000E+00   0.00000E+00
       665        0        0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
       666        0        0   0.00000E+00   0.00000E+00  -0.11194E+06
0.00000E+00   0.00000E+00   0.00000E+00
       667        0        0   0.00000E+00   0.00000E+00   -5239.4
0.00000E+00   0.00000E+00   0.00000E+00
       668        0        0   0.00000E+00   0.00000E+00   -5849.1
0.00000E+00   0.00000E+00   0.00000E+00
       669        0        0   0.00000E+00   0.00000E+00   -4808.6
0.00000E+00   0.00000E+00   0.00000E+00
       670        0        0   0.00000E+00   0.00000E+00   -5162.2
```

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0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5473.9
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6298.6
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6192.3
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5810.0
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4808.6
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1709.7
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -23.551
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2.5243
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       734        0        0   0.00000E+00   0.00000E+00   -1500.4
   0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -9490.9
   0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -21387.
   0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -20542.
   0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -18982.
   0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -22231.
   0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -19697.
   0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -25352.
   0.00000E+00   0.00000E+00   0.00000E+00
       771        0        0   0.00000E+00   0.00000E+00   -30596.
   0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -24918.
   0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -21973.
   0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -18982.
   0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -20800.
   0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -21129.
   0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -18982.
   0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -54805.
   0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -66659.
   0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -19439.
   0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -19369.
   0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -22560.
   0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -18982.
   0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -20214.
   0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -26091.
   0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -30596.
   0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -25939.
   0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -18982.
   0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -18982.
   0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -1044.1
   0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -4186.2
   0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -9433.2
   0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -9060.7
   0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -8372.4
   0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -9805.8
   0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -8688.1
   0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -11182.
   0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -13495.
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10991. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9692.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9174.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9319.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -37336. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.15787E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47830. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8574.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8543.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9950.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8915.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11508. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13495. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11441. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -460.54 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 254
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 675

CDM_TRsx - My (My) @ 70 (-X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -71.572 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -787.29 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -709.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -904.41 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1093.1
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -996.99
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -2552.8
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -2455.2
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -2729.2
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -2698.2
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -2455.2
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -3408.1
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -3975.9
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -12354.
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -14490.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -3557.4
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2827.1
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -2455.2
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2729.7
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -3306.1
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3962.9
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3311.4
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2487.8
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2923.3
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2471.5
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2529.2
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -2149.9
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2301.6
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2869.8
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2345.6
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2244.1
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1868.7
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2142.6
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1970.2
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2041.1
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2114.5
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2017.5
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2068.9
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1823.0
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2272.4
0.00000E+00   0.00000E+00   0.00000E+00
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522        0        0   0.00000E+00   0.00000E+00   -1840.4
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2097.4
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1887.7
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1778.6
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1777.3
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1916.5
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1956.7
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2211.3
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1778.6
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1940.4
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1990.5
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1778.6
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2030.7
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1274.3
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -452.92
0.00000E+00   0.00000E+00   0.00000E+00
538      539        1   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4982.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4488.1
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5723.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.4
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5712.5
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -5444.3
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4826.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -5419.9
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -5253.7
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4826.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6724.9
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7878.3
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -38481.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47797.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -8641.7
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5449.9
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4826.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5498.4
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6419.4
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7795.9
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6460.1
```

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0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5032.5
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5636.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4831.6
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4849.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1089.1
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -704.57
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.50
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -718.05
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -686.97
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -572.06
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -655.90
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -603.13
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -624.82
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -647.28
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -617.60
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -633.33
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -558.06
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -695.65
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -563.38
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -642.07
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -577.86
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -544.46
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -544.07
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -586.69
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -598.98
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -676.92
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -544.46
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -593.99
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -609.35
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -544.46
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -621.63
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -390.10
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1800.6
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -5559.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5475.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
597        0        0   0.00000E+00   0.00000E+00   -6429.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5681.9
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7342.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7330.1
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6177.6
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5477.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -6262.8
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5847.1
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5562.0
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7616.6
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33741.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -99431.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60059.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -10438.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6012.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5563.4
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6259.4
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7246.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7261.4
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5929.3
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -6177.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4713.0
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -4297.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -454.56
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5467.5
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5145.1
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4807.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5830.3
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4805.5
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6521.4
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6638.6
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5142.8
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4813.0
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5823.6
 0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4806.5
 0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5156.5
 0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6628.7
 0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -58390.
 0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00  -0.11194E+06
 0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5238.6
 0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5850.4
 0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4807.4
 0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5162.3
 0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5474.8
 0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6297.9
 0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
 0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6192.2
 0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5810.4
 0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4808.3
 0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1709.8
 0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -23.614
 0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2.4976
 0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4716.3
 0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
 0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10172.
 0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9434.6
 0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11188.
 0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
 0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
 0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
 0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12611.
 0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10631.
 0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9438.6
 0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10721.
 0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10127.
 0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9675.5
 0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -33627.
 0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
 0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
 0.00000E+00   0.00000E+00   0.00000E+00
```

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724        0        0   0.00000E+00   0.00000E+00   -9590.4
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725        0        0   0.00000E+00   0.00000E+00   -10255.
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726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10291.
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729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10126.
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733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21387.
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766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22231.
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769        0        0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25352.
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771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -18982.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -11182.
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -10991.
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -9692.0
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -9174.5
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -9319.4
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -37336.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00  -0.15787E+06
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -47830.
0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -8574.2
0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -8543.2
0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00   -9950.7
0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -8915.8
0.00000E+00   0.00000E+00   0.00000E+00
843       0       0   0.00000E+00   0.00000E+00   -11508.
0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -11441.
0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -460.54
0.00000E+00   0.00000E+00   0.00000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =          256
    LARGEST NODE OR ELEMENT NUMBER              =          848

    L O A D   C A S E       676
```

CDM_TRsx - My (My) @ 70 (+X) - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -71.572 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -787.29 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -709.21 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -904.41 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -996.99 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2552.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2455.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2729.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2698.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2455.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3408.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3975.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12354. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14490. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3557.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2827.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2455.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2729.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3306.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3962.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3311.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2487.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2923.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2471.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2529.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2149.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2301.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2869.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2345.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

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512        0        0   0.00000E+00   0.00000E+00   -2244.1
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1868.7
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2142.6
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1970.2
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2041.1
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -2114.5
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2017.5
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -2068.9
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1823.0
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2272.4
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1840.4
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2097.4
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1887.7
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1778.6
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1777.3
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1916.5
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1956.7
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2211.3
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1778.6
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1940.4
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1990.5
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1778.6
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2030.7
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1274.3
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -452.92
0.00000E+00   0.00000E+00   0.00000E+00
538      539        1   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4982.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4488.1
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5723.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.4
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5712.5
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -5444.3
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4826.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -5419.9
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -5253.7
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4826.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6724.9
```

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0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7878.3
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -38481.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47797.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -8641.7
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5449.9
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4826.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5498.4
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6419.4
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7795.9
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6460.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5032.5
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5636.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4831.6
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4849.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1089.1
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -704.57
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.50
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -718.05
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -686.97
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -572.06
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -655.90
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -603.13
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -624.82
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -647.28
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -617.60
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -633.33
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -558.06
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -695.65
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -563.38
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -642.07
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -577.86
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -544.46
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -544.07
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -586.69
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -598.98
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -676.92
0.00000E+00   0.00000E+00   0.00000E+00
```

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587        0        0   0.00000E+00   0.00000E+00   -544.46
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -593.99
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -609.35
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -544.46
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -621.63
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -390.10
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1800.6
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -5559.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5475.9
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6429.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5681.9
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7342.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7330.1
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6177.6
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5477.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -6262.8
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5847.1
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5562.0
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7616.6
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33741.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -99431.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60059.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -10438.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6012.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5563.4
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6259.4
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7246.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7261.4
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5929.3
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -6177.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4713.0
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -4297.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -454.56
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
```

```
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5467.5
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5145.1
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4807.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5830.3
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4805.5
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6521.4
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6638.6
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5142.8
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4813.0
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5823.6
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4806.5
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5156.5
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6628.7
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -58390.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00  -0.11194E+06
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5238.6
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5850.4
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4807.4
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5162.3
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5474.8
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6297.9
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6192.2
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5810.4
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4808.3
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1709.8
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -23.614
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2.4976
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
       715        0        0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
       718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
       719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
       721        0        0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
       722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
       723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
       724        0        0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
       725        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
       726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
       728        0        0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
       729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
       730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -19697.
0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
       771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
```

```
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -11182.
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -10991.
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -9692.0
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -9174.5
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -9319.4
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -37336.
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00  -0.15787E+06
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -47830.
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -8574.2
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -8543.2
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -9950.7
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -8915.8
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -11508.
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11441. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -460.54 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 256
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 677

CDM_TRsx - My (My) @ 75.5 - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -71.572 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -676.68 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -787.29 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -709.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -904.41 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1093.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1791.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2766.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2623.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2547.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2773.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2578.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3302.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3976.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -12113. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14838. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3502.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2570.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2807.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2560.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3302.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
502        0        0   0.00000E+00   0.00000E+00   -3963.9
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3255.3
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2748.8
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2573.9
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2622.4
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2670.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1858.2
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2450.4
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2870.8
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2517.8
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1957.8
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -2033.0
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2092.7
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1898.1
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2227.5
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1877.1
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2300.1
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1820.4
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -2033.5
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2068.8
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1922.0
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2146.2
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1786.6
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1910.3
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1719.4
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1843.7
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2054.2
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2138.5
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1786.6
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -2001.5
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1938.1
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1786.6
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2047.2
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -1265.5
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -452.92
0.00000E+00   0.00000E+00   0.00000E+00
538      539        1   0.00000E+00   0.00000E+00   -4282.2
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4982.2
```

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 0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4488.1
 0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -5723.3
 0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -6917.4
 0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -5955.6
 0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -5509.8
 0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -4878.2
 0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -5364.4
 0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -5276.7
 0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -4864.3
 0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6692.6
 0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7878.6
 0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -38408.
 0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -47903.
 0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -8624.8
 0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -5371.2
 0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -4934.5
 0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5446.7
 0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6418.3
 0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7796.2
 0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6443.0
 0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5112.4
 0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -5529.1
 0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4877.8
 0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -4892.6
 0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -999.85
 0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -750.13
 0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.81
 0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -770.76
 0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -599.33
 0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -622.34
 0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -640.61
 0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -581.06
 0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -681.89
 0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -574.64
 0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -704.11
 0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -557.26
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
577        0        0   0.00000E+00   0.00000E+00   -622.49
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -633.30
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -588.37
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -657.01
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -546.92
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -584.77
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -526.35
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -564.39
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -628.83
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -654.64
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -546.92
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -612.72
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -593.31
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -546.92
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -626.69
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -387.39
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1800.6
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -5559.1
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -5475.9
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -6429.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5681.9
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7342.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8849.1
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7330.1
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -6177.6
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -5477.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -6262.8
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5847.1
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -5562.0
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7616.6
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -33741.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -99431.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -60059.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -10438.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -6012.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -5563.4
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6259.4
 0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7246.2
 0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8849.1
 0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7261.4
 0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -5929.3
 0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -6177.7
 0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4713.0
 0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -4297.7
 0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -454.56
 0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
 0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5467.5
 0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5145.1
 0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4807.3
 0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5830.3
 0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4805.5
 0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6521.4
 0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
 0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6638.6
 0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5142.8
 0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4813.0
 0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5823.6
 0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4806.5
 0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5156.5
 0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6628.7
 0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -58390.
 0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00  -0.11194E+06
 0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -5238.6
 0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5850.4
 0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4807.4
 0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5162.3
 0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5474.8
 0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6297.9
 0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
 0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6192.2
 0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5810.4
 0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4808.3
 0.00000E+00   0.00000E+00   0.00000E+00
```

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677        0        0   0.00000E+00   0.00000E+00   -1709.8
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -23.614
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2.4976
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4716.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10682.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10172.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9434.6
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11188.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9663.9
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12670.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12611.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10631.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9438.6
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -10721.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -10127.
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -9675.5
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -33627.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.18523E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.15529E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9590.4
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -10589.
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -9679.4
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10291.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12755.
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15228.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12633.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9432.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1500.4
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9490.9
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21387.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20542.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22231.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -19697.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25352.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -24918.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -21973.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -20800.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -21129.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -54805.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.19080E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -66659.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -19439.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -19369.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -22560.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -20214.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -26091.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30596.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -25939.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -18982.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -1044.1
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4186.2
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -9433.2
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -9060.7
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -9805.8
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -8688.1
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -11182.
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -13495.
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -10991.
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -9692.0
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -9174.5
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -9319.4
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -8372.4
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -37336. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.15787E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -47830. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8574.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8543.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9950.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8915.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11508. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13495. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11441. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8372.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -460.54 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 256
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 678

CDM_TRsx - My (My) @ 81 - Positive - Characteristic

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -417.74 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -808.41 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -678.18 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -720.73 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2014.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3963.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3323.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2467.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2930.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2500.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2524.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2904.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
493        0        0   0.00000E+00   0.00000E+00   -3168.0
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -3963.9
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -3235.6
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -2695.2
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -2740.5
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -2462.7
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -2783.5
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -2652.1
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -3249.9
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -3963.9
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -3153.7
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -2947.4
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -2481.9
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -2501.0
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -2219.1
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1784.5
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -2411.3
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -2870.6
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -2464.7
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -2048.8
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1947.5
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -2174.9
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1846.2
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -2251.4
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1903.2
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2225.7
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1885.9
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1977.8
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -2123.1
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1873.2
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -2189.2
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1784.5
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1870.7
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -1746.3
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1856.3
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -2028.5
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -2157.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -1784.5
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -1985.5
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -1952.0
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -1784.5
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -2094.2
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -12428.
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -2643.6
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -5115.8
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -4561.0
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -6238.2
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -7797.7
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -6600.2
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -4839.5
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -5610.2
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -5074.6
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -4857.0
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -5788.4
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -6218.6
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -7797.7
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -6386.8
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -5243.0
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -5443.2
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -4838.0
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -5456.4
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -5229.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -6391.2
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -7797.7
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -6214.2
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -5801.6
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -4843.9
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -4849.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1308.2
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -546.29
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -738.15
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -878.75
0.00000E+00   0.00000E+00   0.00000E+00
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568        0        0   0.00000E+00   0.00000E+00   -754.52
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -627.18
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -596.17
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -665.78
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -565.15
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -689.21
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -582.61
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -681.34
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -577.31
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -605.44
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -649.93
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -573.42
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -670.17
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -546.29
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -572.65
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -534.57
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -568.26
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -620.98
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -660.52
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -546.29
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -607.80
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -597.55
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -546.29
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -949.82
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -40857.
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -588.77
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -1346.1
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -3914.6
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -6312.5
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -5736.5
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -5755.0
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -7527.1
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -8850.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -7515.1
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -5567.3
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -6150.2
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -5972.6
```

```
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -5484.8
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -6431.3
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -7160.1
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -8850.6
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -7288.2
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -5840.4
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -6282.3
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -5484.8
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -6121.6
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -6001.2
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -7234.6
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -8850.6
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -7052.9
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -6592.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -5484.8
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -4722.6
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -663.28
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -345.50
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -89495.
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -2390.4
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -5465.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -5136.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -4811.9
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -5826.5
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -4806.0
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -6522.4
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -6639.6
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -5139.4
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -4816.7
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -5822.0
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -4804.5
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -5161.3
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -6626.2
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -6515.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
667        0        0   0.00000E+00   0.00000E+00   -4820.7
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -5818.0
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -4804.5
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -5165.3
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -5473.4
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -6297.8
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -7779.0
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -6191.1
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5814.0
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -4804.5
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -1709.8
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -3.6444
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -82.498
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -79463.
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -4700.7
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -10747.
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -10071.
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -9407.1
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -11411.
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -9401.5
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -12762.
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -15222.
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -12993.
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -10060.
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -9418.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -11400.
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -9401.5
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -10094.
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -43887.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13064E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -31301.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -9429.6
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -11389.
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -9401.5
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -10105.
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -10713.
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -12323.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -15222.
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -12115.
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -11377.
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -9401.5
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -3315.8
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -55.662
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -84804.
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -9442.7
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -21588.
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -20231.
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -18897.
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -22923.
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -25637.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -30578.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -26100.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -20208.
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -18919.
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -22900.
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -20276.
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -68967.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.19078E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -51361.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -18942.
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -22877.
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -20299.
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -21520.
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -24754.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -30578.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -24336.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -22855.
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -18885.
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -6660.8
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -4164.9
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 822 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9522.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 823 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8923.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 824 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8334.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 825 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10111. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8329.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11308. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13487. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -11512. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8913.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8344.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10101. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8329.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8943.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -50164. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.15786E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -34501. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8354.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10091. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8329.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8953.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9492.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10919. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -13487. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10734. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10081. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8329.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2937.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 258
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 679

CDM_TRsx - My (My) @ 0 - Positive - Frequent

| CONCENTRATED LOAD | | | | | |
|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE |
| FORCE | FORCE | FORCE | | | |

| NODE | NODE | RNCE | FX | FY | FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -442.14 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -834.58 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -752.63 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -721.91 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -844.79 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.55 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -967.66 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1146.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1003.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -721.91 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -752.63 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -814.07 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.55 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -814.07 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -942.07 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1146.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -936.95 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.55 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -76.799 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -14.956 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -370.81 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.34 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -937.26 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1106.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1130.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 514 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1124.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 515 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1111.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 516 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1143.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 517 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1138.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 518 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4878.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 519 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10324. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 520 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4559.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 521 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1103.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 522 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1134.9 |

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0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1075.7
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1078.0
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1020.4
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -943.37
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -1032.8
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -1147.9
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -1146.5
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -603.87
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -312.02
0.00000E+00   0.00000E+00   0.00000E+00
532      533        1   0.00000E+00   0.00000E+00   -271.27
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -28.365
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -670.52
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -378.98
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -230.40
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -220.99
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -258.61
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -216.29
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -296.22
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.08
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -307.20
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -220.99
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -230.40
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -249.20
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -216.29
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -249.20
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -288.39
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.08
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -286.82
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -216.29
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -23.510
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -94.646
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2346.6
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2603.5
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       569        0        0   0.00000E+00   0.00000E+00   -2124.6
   0.00000E+00   0.00000E+00   0.00000E+00
       570        0        0   0.00000E+00   0.00000E+00   -2237.3
   0.00000E+00   0.00000E+00   0.00000E+00
       571        0        0   0.00000E+00   0.00000E+00   -2229.7
   0.00000E+00   0.00000E+00   0.00000E+00
       572        0        0   0.00000E+00   0.00000E+00   -2132.1
   0.00000E+00   0.00000E+00   0.00000E+00
       573        0        0   0.00000E+00   0.00000E+00   -2334.9
   0.00000E+00   0.00000E+00   0.00000E+00
       574        0        0   0.00000E+00   0.00000E+00   -2134.6
   0.00000E+00   0.00000E+00   0.00000E+00
       575        0        0   0.00000E+00   0.00000E+00   -15711.
   0.00000E+00   0.00000E+00   0.00000E+00
       576        0        0   0.00000E+00   0.00000E+00   -35018.
   0.00000E+00   0.00000E+00   0.00000E+00
       577        0        0   0.00000E+00   0.00000E+00   -14563.
   0.00000E+00   0.00000E+00   0.00000E+00
       578        0        0   0.00000E+00   0.00000E+00   -2123.9
   0.00000E+00   0.00000E+00   0.00000E+00
       579        0        0   0.00000E+00   0.00000E+00   -2238.7
   0.00000E+00   0.00000E+00   0.00000E+00
       580        0        0   0.00000E+00   0.00000E+00   -2171.4
   0.00000E+00   0.00000E+00   0.00000E+00
       581        0        0   0.00000E+00   0.00000E+00   -1963.6
   0.00000E+00   0.00000E+00   0.00000E+00
       582        0        0   0.00000E+00   0.00000E+00   -2234.8
   0.00000E+00   0.00000E+00   0.00000E+00
       583        0        0   0.00000E+00   0.00000E+00   -1754.7
   0.00000E+00   0.00000E+00   0.00000E+00
       584        0        0   0.00000E+00   0.00000E+00   -1918.7
   0.00000E+00   0.00000E+00   0.00000E+00
       585        0        0   0.00000E+00   0.00000E+00   -2413.6
   0.00000E+00   0.00000E+00   0.00000E+00
       586        0        0   0.00000E+00   0.00000E+00   -2149.2
   0.00000E+00   0.00000E+00   0.00000E+00
       587        0        0   0.00000E+00   0.00000E+00   -1914.8
   0.00000E+00   0.00000E+00   0.00000E+00
       588        0        0   0.00000E+00   0.00000E+00   -1974.5
   0.00000E+00   0.00000E+00   0.00000E+00
       589      590        1   0.00000E+00   0.00000E+00   -1716.7
   0.00000E+00   0.00000E+00   0.00000E+00
       591        0        0   0.00000E+00   0.00000E+00   -179.50
   0.00000E+00   0.00000E+00   0.00000E+00
       593        0        0   0.00000E+00   0.00000E+00   -564.41
   0.00000E+00   0.00000E+00   0.00000E+00
       594        0        0   0.00000E+00   0.00000E+00   -130.25
   0.00000E+00   0.00000E+00   0.00000E+00
       620        0        0   0.00000E+00   0.00000E+00   -261.32
   0.00000E+00   0.00000E+00   0.00000E+00
       621        0        0   0.00000E+00   0.00000E+00   -2195.3
   0.00000E+00   0.00000E+00   0.00000E+00
       622        0        0   0.00000E+00   0.00000E+00   -2288.4
   0.00000E+00   0.00000E+00   0.00000E+00
       623        0        0   0.00000E+00   0.00000E+00   -2965.0
   0.00000E+00   0.00000E+00   0.00000E+00
       624        0        0   0.00000E+00   0.00000E+00   -3540.5
   0.00000E+00   0.00000E+00   0.00000E+00
       625        0        0   0.00000E+00   0.00000E+00   -3075.3
   0.00000E+00   0.00000E+00   0.00000E+00
       626        0        0   0.00000E+00   0.00000E+00   -2459.7
   0.00000E+00   0.00000E+00   0.00000E+00
       627        0        0   0.00000E+00   0.00000E+00   -2511.2
   0.00000E+00   0.00000E+00   0.00000E+00
       628        0        0   0.00000E+00   0.00000E+00   -2539.5
   0.00000E+00   0.00000E+00   0.00000E+00
       629        0        0   0.00000E+00   0.00000E+00   -2431.4
   0.00000E+00   0.00000E+00   0.00000E+00
       630        0        0   0.00000E+00   0.00000E+00   -2619.2
   0.00000E+00   0.00000E+00   0.00000E+00
       631        0        0   0.00000E+00   0.00000E+00   -2462.5
   0.00000E+00   0.00000E+00   0.00000E+00
       632        0        0   0.00000E+00   0.00000E+00   -43010.
```

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0.00000E+00   0.00000E+00   0.00000E+00
633       0       0   0.00000E+00   0.00000E+00   -76537.
0.00000E+00   0.00000E+00   0.00000E+00
634       0       0   0.00000E+00   0.00000E+00   -19682.
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -2475.4
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -2495.5
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -2488.7
0.00000E+00   0.00000E+00   0.00000E+00
638       0       0   0.00000E+00   0.00000E+00   -2235.2
0.00000E+00   0.00000E+00   0.00000E+00
639       0       0   0.00000E+00   0.00000E+00   -2499.9
0.00000E+00   0.00000E+00   0.00000E+00
640       0       0   0.00000E+00   0.00000E+00   -2014.0
0.00000E+00   0.00000E+00   0.00000E+00
641       0       0   0.00000E+00   0.00000E+00   -2198.8
0.00000E+00   0.00000E+00   0.00000E+00
642       0       0   0.00000E+00   0.00000E+00   -2695.4
0.00000E+00   0.00000E+00   0.00000E+00
643       0       0   0.00000E+00   0.00000E+00   -2488.7
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -2296.8
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -2494.0
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -2255.2
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -2195.3
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -719.08
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -339.32
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -3.1011
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00  -0.71565
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677       0       0   0.00000E+00   0.00000E+00   -675.84
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -1927.4
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -2305.6
0.00000E+00   0.00000E+00   0.00000E+00
680       0       0   0.00000E+00   0.00000E+00   -2489.1
0.00000E+00   0.00000E+00   0.00000E+00
681       0       0   0.00000E+00   0.00000E+00   -3112.7
0.00000E+00   0.00000E+00   0.00000E+00
682       0       0   0.00000E+00   0.00000E+00   -2580.2
0.00000E+00   0.00000E+00   0.00000E+00
683       0       0   0.00000E+00   0.00000E+00   -2349.3
0.00000E+00   0.00000E+00   0.00000E+00
684       0       0   0.00000E+00   0.00000E+00   -2108.4
0.00000E+00   0.00000E+00   0.00000E+00
685       0       0   0.00000E+00   0.00000E+00   -2248.2
0.00000E+00   0.00000E+00   0.00000E+00
686       0       0   0.00000E+00   0.00000E+00   -2209.6
0.00000E+00   0.00000E+00   0.00000E+00
687       0       0   0.00000E+00   0.00000E+00   -2147.1
0.00000E+00   0.00000E+00   0.00000E+00
688       0       0   0.00000E+00   0.00000E+00   -2360.6
0.00000E+00   0.00000E+00   0.00000E+00
689       0       0   0.00000E+00   0.00000E+00   -50032.
0.00000E+00   0.00000E+00   0.00000E+00
690       0       0   0.00000E+00   0.00000E+00   -68454.
0.00000E+00   0.00000E+00   0.00000E+00
691       0       0   0.00000E+00   0.00000E+00   -5283.7
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -2412.9
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -2044.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
694        0        0   0.00000E+00   0.00000E+00   -2227.3
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2089.5
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1929.1
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1908.4
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2074.3
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2125.0
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2414.6
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1927.9
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2090.9
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2170.5
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1927.4
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2189.0
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1377.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1328.0
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3771.6
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4515.3
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -4869.4
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.2
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5047.5
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4599.6
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4124.7
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4399.7
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4324.7
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4199.7
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -35538.
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.12819E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -95736.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -7303.8
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4724.6
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -3999.7
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4359.0
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4090.3
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3771.6
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3736.2
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -4060.8
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4155.2
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4727.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
758       0       0   0.00000E+00   0.00000E+00   -3771.6
0.00000E+00   0.00000E+00   0.00000E+00
759       0       0   0.00000E+00   0.00000E+00   -4090.3
0.00000E+00   0.00000E+00   0.00000E+00
760       0       0   0.00000E+00   0.00000E+00   -4249.7
0.00000E+00   0.00000E+00   0.00000E+00
761       0       0   0.00000E+00   0.00000E+00   -3771.6
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00   -4302.8
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -2709.2
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -2667.7
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -9070.1
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -9781.5
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -12236.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -10139.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -9239.6
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -8285.5
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -8837.9
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -8687.3
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -8436.2
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -52196.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.10899E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -37142.
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -7771.2
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -9490.7
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -8034.5
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -8756.3
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -8216.5
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -7505.1
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -8157.2
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -8346.9
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -9497.0
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -8216.5
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -8536.6
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -7576.2
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -8643.3
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -5442.1
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1176.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 849 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 850 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4000.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 851 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4314.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5396.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4472.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4075.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3654.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3898.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3831.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3721.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -42767. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -94381. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -29306. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3427.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4186.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3543.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3862.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3624.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3310.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3598.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3681.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4188.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3624.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3765.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3341.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3812.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2400.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 250
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 680

CDM_TRsx - My (My) @ 5 - Positive - Frequent

| CONCENTRATED LOAD FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.79 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -799.50 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -775.24 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.58 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -823.75 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -750.98 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -947.07 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -917.75 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -850.03 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.58 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -748.96 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -825.78 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.58 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -971.32 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -966.27 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -777.26 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.58 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -821.73 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -753.00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.58 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -995.58 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1154.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -999.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.58 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -994.80 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1110.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -988.14 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1095.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1318.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1352.5 | | | |

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0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1103.1
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1171.7
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -1061.2
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1191.8
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -6859.2
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -10715.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2204.9
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1095.3
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1121.5
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1086.4
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1188.4
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1045.4
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1061.2
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1070.2
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -632.62
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -286.42
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -301.67
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -333.45
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -301.25
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -297.43
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -68.638
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -109.22
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -244.74
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -237.32
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -218.44
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -252.17
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -229.89
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -289.92
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.49
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -280.95
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -260.21
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -218.44
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -229.27
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -252.79
0.00000E+00   0.00000E+00   0.00000E+00
```

```
549        0        0   0.00000E+00   0.00000E+00   -218.44
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -297.34
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.49
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -295.80
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -237.94
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -218.44
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -251.55
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -230.51
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -218.44
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -304.77
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -353.35
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -306.01
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -218.44
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1797.2
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2039.1
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1955.9
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2287.2
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2501.0
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3118.5
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2578.0
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2369.3
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2098.5
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2270.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2191.1
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -22866.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -36325.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -6089.1
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2239.2
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -2014.4
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2418.2
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2049.6
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2253.0
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -2047.2
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1958.1
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1854.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1812.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1909.0
```

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0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1906.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1882.2
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -434.36
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1574.2
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1888.9
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2214.9
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2558.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2865.5
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2935.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2667.8
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2400.5
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2556.4
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2511.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -28716.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -70681.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -39841.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2584.3
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2258.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2760.5
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2307.7
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2555.6
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2354.5
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2211.7
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2319.8
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2439.8
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2718.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2191.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2416.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2428.8
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -972.40
0.00000E+00   0.00000E+00   0.00000E+00
```

```
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -8.6495
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.50
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2041.7
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2665.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2061.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2389.0
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2190.1
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53454.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68235.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2350.9
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2024.2
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2289.4
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2160.8
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2194.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1876.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2043.0
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2137.5
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2451.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1925.7
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2054.3
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2201.9
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2180.5
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
740       0       0   0.00000E+00   0.00000E+00   -4506.7
0.00000E+00   0.00000E+00   0.00000E+00
741       0       0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
742       0       0   0.00000E+00   0.00000E+00   -4494.6
0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -4233.5
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -4291.2
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00  -0.10033E+06
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00  -0.14910E+06
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
748       0       0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
749       0       0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
751       0       0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
752       0       0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
753       0       0   0.00000E+00   0.00000E+00   -3805.0
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -3757.1
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
756       0       0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
757       0       0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
758       0       0   0.00000E+00   0.00000E+00   -3776.3
0.00000E+00   0.00000E+00   0.00000E+00
759       0       0   0.00000E+00   0.00000E+00   -4108.5
0.00000E+00   0.00000E+00   0.00000E+00
760       0       0   0.00000E+00   0.00000E+00   -4234.0
0.00000E+00   0.00000E+00   0.00000E+00
761       0       0   0.00000E+00   0.00000E+00   -3774.0
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00   -4307.7
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
```

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       803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -5423.1
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       849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -4204.1
0.00000E+00   0.00000E+00   0.00000E+00
       857        0        0   0.00000E+00   0.00000E+00   -3538.6
0.00000E+00   0.00000E+00   0.00000E+00
       858        0        0   0.00000E+00   0.00000E+00   -3994.9
0.00000E+00   0.00000E+00   0.00000E+00
       859        0        0   0.00000E+00   0.00000E+00   -55383.
0.00000E+00   0.00000E+00   0.00000E+00
       860        0        0   0.00000E+00   0.00000E+00   -95824.
0.00000E+00   0.00000E+00   0.00000E+00
       861        0        0   0.00000E+00   0.00000E+00   -15006.
0.00000E+00   0.00000E+00   0.00000E+00
       862        0        0   0.00000E+00   0.00000E+00   -3542.2
0.00000E+00   0.00000E+00   0.00000E+00
       863        0        0   0.00000E+00   0.00000E+00   -4166.1
0.00000E+00   0.00000E+00   0.00000E+00
       864        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
       865        0        0   0.00000E+00   0.00000E+00   -4054.3
0.00000E+00   0.00000E+00   0.00000E+00
       866        0        0   0.00000E+00   0.00000E+00   -3452.7
0.00000E+00   0.00000E+00   0.00000E+00
       867        0        0   0.00000E+00   0.00000E+00   -3392.1
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 681

CDM_TRsx - My (My) @ 10 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -357.30 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -797.17 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -778.65 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -815.70 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -760.13 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -943.80 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -912.93 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -852.74 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -723.09 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -724.63 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -851.19 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -962.32 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.3 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
495       0       0   0.00000E+00   0.00000E+00   -941.48
0.00000E+00   0.00000E+00   0.00000E+00
496       0       0   0.00000E+00   0.00000E+00   -814.15
0.00000E+00   0.00000E+00   0.00000E+00
497       0       0   0.00000E+00   0.00000E+00   -714.60
0.00000E+00   0.00000E+00   0.00000E+00
498       0       0   0.00000E+00   0.00000E+00   -780.20
0.00000E+00   0.00000E+00   0.00000E+00
499       0       0   0.00000E+00   0.00000E+00   -795.63
0.00000E+00   0.00000E+00   0.00000E+00
500       0       0   0.00000E+00   0.00000E+00   -714.60
0.00000E+00   0.00000E+00   0.00000E+00
501       0       0   0.00000E+00   0.00000E+00   -980.84
0.00000E+00   0.00000E+00   0.00000E+00
502       0       0   0.00000E+00   0.00000E+00   -1148.3
0.00000E+00   0.00000E+00   0.00000E+00
503       0       0   0.00000E+00   0.00000E+00   -978.53
0.00000E+00   0.00000E+00   0.00000E+00
504       0       0   0.00000E+00   0.00000E+00   -758.59
0.00000E+00   0.00000E+00   0.00000E+00
505       0       0   0.00000E+00   0.00000E+00   -962.46
0.00000E+00   0.00000E+00   0.00000E+00
506       0       0   0.00000E+00   0.00000E+00   -1117.9
0.00000E+00   0.00000E+00   0.00000E+00
507       0       0   0.00000E+00   0.00000E+00   -1014.6
0.00000E+00   0.00000E+00   0.00000E+00
508       0       0   0.00000E+00   0.00000E+00   -1038.7
0.00000E+00   0.00000E+00   0.00000E+00
509       0       0   0.00000E+00   0.00000E+00   -1349.2
0.00000E+00   0.00000E+00   0.00000E+00
510       0       0   0.00000E+00   0.00000E+00   -1590.2
0.00000E+00   0.00000E+00   0.00000E+00
511       0       0   0.00000E+00   0.00000E+00   -1381.3
0.00000E+00   0.00000E+00   0.00000E+00
512       0       0   0.00000E+00   0.00000E+00   -1076.7
0.00000E+00   0.00000E+00   0.00000E+00
513       0       0   0.00000E+00   0.00000E+00   -1156.9
0.00000E+00   0.00000E+00   0.00000E+00
514       0       0   0.00000E+00   0.00000E+00   -1105.2
0.00000E+00   0.00000E+00   0.00000E+00
515       0       0   0.00000E+00   0.00000E+00   -1117.5
0.00000E+00   0.00000E+00   0.00000E+00
516       0       0   0.00000E+00   0.00000E+00   -8672.2
0.00000E+00   0.00000E+00   0.00000E+00
517       0       0   0.00000E+00   0.00000E+00   -10002.
0.00000E+00   0.00000E+00   0.00000E+00
518       0       0   0.00000E+00   0.00000E+00   -1180.0
0.00000E+00   0.00000E+00   0.00000E+00
519       0       0   0.00000E+00   0.00000E+00   -1043.5
0.00000E+00   0.00000E+00   0.00000E+00
520       0       0   0.00000E+00   0.00000E+00   -1144.6
0.00000E+00   0.00000E+00   0.00000E+00
521       0       0   0.00000E+00   0.00000E+00   -1118.4
0.00000E+00   0.00000E+00   0.00000E+00
522       0       0   0.00000E+00   0.00000E+00   -1104.3
0.00000E+00   0.00000E+00   0.00000E+00
523       0       0   0.00000E+00   0.00000E+00   -1127.3
0.00000E+00   0.00000E+00   0.00000E+00
524       0       0   0.00000E+00   0.00000E+00   -1000.6
0.00000E+00   0.00000E+00   0.00000E+00
525       0       0   0.00000E+00   0.00000E+00   -985.34
0.00000E+00   0.00000E+00   0.00000E+00
526       0       0   0.00000E+00   0.00000E+00   -313.64
0.00000E+00   0.00000E+00   0.00000E+00
527       0       0   0.00000E+00   0.00000E+00   -286.42
0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -301.67
0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -333.45
0.00000E+00   0.00000E+00   0.00000E+00
530       0       0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
```

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531        0        0   0.00000E+00   0.00000E+00   -301.25
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -297.43
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -68.638
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -109.38
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -244.03
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -238.36
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -249.70
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -232.69
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -288.92
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -279.47
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -261.04
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -221.35
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -221.83
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -260.57
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -294.59
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -288.21
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -249.23
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -238.84
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -243.56
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -300.26
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -299.55
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -232.22
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1787.3
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2041.5
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1964.0
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2269.9
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2510.4
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3120.0
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2586.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -2361.2
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -2094.0
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -2283.5
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -2168.4
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -29093.
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -34006.
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -2203.9
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -2223.4
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -2021.5
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -2428.0
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -2023.9
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -2278.1
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -2028.6
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -1932.1
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -1757.1
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -1812.5
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -1909.0
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -1906.4
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -1882.2
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -434.36
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -1574.2
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -1888.9
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -2214.9
0.00000E+00   0.00000E+00   0.00000E+00
622       0       0   0.00000E+00   0.00000E+00   -2558.7
0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -2865.5
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625       0       0   0.00000E+00   0.00000E+00   -2935.6
0.00000E+00   0.00000E+00   0.00000E+00
626       0       0   0.00000E+00   0.00000E+00   -2667.8
0.00000E+00   0.00000E+00   0.00000E+00
627       0       0   0.00000E+00   0.00000E+00   -2400.5
0.00000E+00   0.00000E+00   0.00000E+00
628       0       0   0.00000E+00   0.00000E+00   -2556.4
0.00000E+00   0.00000E+00   0.00000E+00
629       0       0   0.00000E+00   0.00000E+00   -2511.9
0.00000E+00   0.00000E+00   0.00000E+00
630       0       0   0.00000E+00   0.00000E+00   -36596.
0.00000E+00   0.00000E+00   0.00000E+00
631       0       0   0.00000E+00   0.00000E+00   -67762.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
632        0        0   0.00000E+00   0.00000E+00   -34879.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2584.3
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2258.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2760.5
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2307.7
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2555.6
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2354.5
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2211.7
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2319.8
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2439.8
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2718.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2191.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2416.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2428.8
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -972.40
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -8.6495
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.50
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2041.7
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2665.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2061.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2389.0
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2250.7
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53432.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68196.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2350.9
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2024.2
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2289.4
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2160.8
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2110.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -2194.8
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -1876.7
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -2043.0
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -2137.5
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -2451.8
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -1925.7
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -2054.3
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -2201.9
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -2180.5
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
734       0       0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
735       0       0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
736       0       0   0.00000E+00   0.00000E+00   -4084.4
0.00000E+00   0.00000E+00   0.00000E+00
737       0       0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
738       0       0   0.00000E+00   0.00000E+00   -6091.4
0.00000E+00   0.00000E+00   0.00000E+00
739       0       0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
740       0       0   0.00000E+00   0.00000E+00   -4506.7
0.00000E+00   0.00000E+00   0.00000E+00
741       0       0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
742       0       0   0.00000E+00   0.00000E+00   -4494.6
0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -4233.5
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -4291.2
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00  -0.10033E+06
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00  -0.14910E+06
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
748       0       0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
749       0       0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
751       0       0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
752       0       0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
753       0       0   0.00000E+00   0.00000E+00   -3805.0
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -3757.1
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
756       0       0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
757       0       0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       758        0        0   0.00000E+00   0.00000E+00   -3776.3
   0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -4108.5
   0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -4234.0
   0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -3774.0
   0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -4307.7
   0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -2706.5
   0.00000E+00   0.00000E+00   0.00000E+00
       792        0        0   0.00000E+00   0.00000E+00   -6174.3
   0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00   -8304.1
   0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00   -9998.9
   0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00   -12239.
   0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00   -10126.
   0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00   -9393.5
   0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00   -7854.5
   0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00   -9531.4
   0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00   -8022.6
   0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00   -9057.2
   0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00   -65877.
   0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00   -20998.
   0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00   -8030.8
   0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -9445.2
   0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -7854.5
   0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -9191.9
   0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -7827.8
   0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -7690.4
   0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -7640.0
   0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -8006.4
   0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -8464.5
   0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -9339.3
   0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -7594.2
   0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -8349.9
   0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -8423.2
   0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -7594.2
   0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -8679.7
   0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -5423.1
   0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -2723.3
   0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -3662.8
```

| | | | | | |
|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 851 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4410.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4466.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4143.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4204.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3538.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3994.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55383. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95824. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15006. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3542.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4166.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4054.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3452.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3392.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 682

CDM_TRsx - My (My) @ 10 (+X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | |
|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE |

| FORCE NODE | FORCE NODE | FORCE RNCE | FX | FY | FZ |
|---|---|---|---|---|---|
| MX | MY | MZ | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -357.30 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -797.17 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -778.65 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -815.70 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -760.13 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -943.80 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -912.93 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -852.74 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -723.09 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -724.63 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -851.19 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -962.32 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -941.48 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -814.15 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -780.20 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -795.63 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -714.60 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -980.84 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -978.53 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -758.59 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -962.46 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1117.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1014.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1038.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1349.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1590.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1381.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1076.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 513 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1156.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

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514        0        0   0.00000E+00   0.00000E+00   -1105.2
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1117.5
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -6935.1
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -10645.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -2273.8
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1043.5
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1144.6
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1118.4
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1104.3
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1127.3
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1000.6
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -985.34
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -313.64
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -286.42
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -301.67
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -333.45
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -301.25
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -297.43
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -68.638
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -109.38
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -244.03
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -238.36
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -249.70
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -232.69
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -288.92
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -279.47
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -261.04
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -221.35
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -221.83
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -260.57
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -294.59
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.52
```

```
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -288.21
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -249.23
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -238.84
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -243.56
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -218.76
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -300.26
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -299.55
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -232.22
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1787.3
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2041.5
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1964.0
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2269.9
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2510.4
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3120.0
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2586.8
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2361.2
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2094.0
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2283.5
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2168.4
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -22889.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -36304.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -6110.2
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2223.4
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -2021.5
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2428.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2023.9
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2278.1
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -2028.6
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1932.1
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1757.1
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1812.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1909.0
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
```

```
588        0        0   0.00000E+00   0.00000E+00   -1906.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1882.2
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -434.36
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1574.2
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1888.9
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2214.9
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2558.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2865.5
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2935.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2667.8
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2400.5
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2556.4
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2511.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -28716.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -70681.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -39841.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2584.3
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2258.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2760.5
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2307.7
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2555.6
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2354.5
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2211.7
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2319.8
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2439.8
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2718.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2191.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2416.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2428.8
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -972.40
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -8.6495
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.50
```

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0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2041.7
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2665.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2061.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2389.0
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2190.1
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53454.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68235.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2350.9
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2024.2
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2289.4
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2160.8
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2194.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1876.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2043.0
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2137.5
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2451.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1925.7
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2054.3
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2201.9
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2180.5
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.4
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4506.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
741        0        0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4494.6
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4233.5
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4291.2
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3805.0
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3757.1
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3776.3
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4108.5
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4234.0
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3774.0
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4307.7
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8030.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
853       0       0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
854       0       0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
855       0       0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
856       0       0   0.00000E+00   0.00000E+00   -4204.1
0.00000E+00   0.00000E+00   0.00000E+00
857       0       0   0.00000E+00   0.00000E+00   -3538.6
0.00000E+00   0.00000E+00   0.00000E+00
858       0       0   0.00000E+00   0.00000E+00   -3994.9
0.00000E+00   0.00000E+00   0.00000E+00
859       0       0   0.00000E+00   0.00000E+00   -55383.
0.00000E+00   0.00000E+00   0.00000E+00
860       0       0   0.00000E+00   0.00000E+00   -95824.
0.00000E+00   0.00000E+00   0.00000E+00
861       0       0   0.00000E+00   0.00000E+00   -15006.
0.00000E+00   0.00000E+00   0.00000E+00
862       0       0   0.00000E+00   0.00000E+00   -3542.2
0.00000E+00   0.00000E+00   0.00000E+00
863       0       0   0.00000E+00   0.00000E+00   -4166.1
0.00000E+00   0.00000E+00   0.00000E+00
864       0       0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
865       0       0   0.00000E+00   0.00000E+00   -4054.3
0.00000E+00   0.00000E+00   0.00000E+00
866       0       0   0.00000E+00   0.00000E+00   -3452.7
0.00000E+00   0.00000E+00   0.00000E+00
867       0       0   0.00000E+00   0.00000E+00   -3392.1
0.00000E+00   0.00000E+00   0.00000E+00
868       0       0   0.00000E+00   0.00000E+00   -3369.8
0.00000E+00   0.00000E+00   0.00000E+00
869       0       0   0.00000E+00   0.00000E+00   -3531.5
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 683

CDM_TRsx - My (My) @ 16 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.13 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -802.42 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -770.88 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -712.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -833.96 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -739.34 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -951.18 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -934.62 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -825.02 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -712.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -779.81 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -793.48 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -712.27 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.72 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -997.70 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -730.40 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
497        0        0   0.00000E+00   0.00000E+00   -725.67
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -847.62
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -712.27
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -757.21
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -979.83
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1148.0
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -973.78
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -712.27
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1068.2
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1035.2
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -986.82
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1176.0
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1265.0
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1585.3
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1315.9
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1191.0
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1081.7
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -1132.6
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1140.1
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -8601.8
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -10104.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -1052.5
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1200.8
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1009.4
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1197.0
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1075.7
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1051.2
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -395.59
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -275.82
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -286.42
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -301.67
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -333.45
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -301.25
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -297.43
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -270.74
```

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0.00000E+00   0.00000E+00   0.00000E+00
534       0       0   0.00000E+00   0.00000E+00   -68.638
0.00000E+00   0.00000E+00   0.00000E+00
536       0       0   0.00000E+00   0.00000E+00   -109.02
0.00000E+00   0.00000E+00   0.00000E+00
537       0       0   0.00000E+00   0.00000E+00   -245.64
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -235.98
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -218.04
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -255.29
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -226.33
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -291.18
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -351.44
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -286.11
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -252.56
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -218.04
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -238.72
0.00000E+00   0.00000E+00   0.00000E+00
548       0       0   0.00000E+00   0.00000E+00   -242.90
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -218.04
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -300.83
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -351.44
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -305.42
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -223.59
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -222.14
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -259.48
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -218.04
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -231.80
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -299.95
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -351.44
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -298.10
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -218.04
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -1819.6
0.00000E+00   0.00000E+00   0.00000E+00
563       0       0   0.00000E+00   0.00000E+00   -2016.2
0.00000E+00   0.00000E+00   0.00000E+00
564       0       0   0.00000E+00   0.00000E+00   -1955.5
0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -2311.9
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -2484.6
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -3118.5
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -2566.8
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -2396.2
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -2071.0
0.00000E+00   0.00000E+00   0.00000E+00
```

```
571        0        0   0.00000E+00   0.00000E+00   -2291.9
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2175.3
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -29072.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -34037.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2164.9
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2271.5
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1980.1
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2452.1
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2015.1
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2254.8
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1843.4
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1745.5
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1812.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1909.0
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1906.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1882.2
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -434.36
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1574.2
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1888.9
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2214.9
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2558.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2865.5
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2935.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2667.8
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2400.5
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2556.4
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2511.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -36596.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -67762.
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632        0        0   0.00000E+00   0.00000E+00   -34879.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2584.3
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2258.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
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0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -2307.7
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -2555.6
0.00000E+00   0.00000E+00   0.00000E+00
638       0       0   0.00000E+00   0.00000E+00   -2354.5
0.00000E+00   0.00000E+00   0.00000E+00
639       0       0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
640       0       0   0.00000E+00   0.00000E+00   -2211.7
0.00000E+00   0.00000E+00   0.00000E+00
641       0       0   0.00000E+00   0.00000E+00   -2319.8
0.00000E+00   0.00000E+00   0.00000E+00
642       0       0   0.00000E+00   0.00000E+00   -2439.8
0.00000E+00   0.00000E+00   0.00000E+00
643       0       0   0.00000E+00   0.00000E+00   -2718.8
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -2191.5
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -2416.7
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646       0       0   0.00000E+00   0.00000E+00   -2428.8
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647       0       0   0.00000E+00   0.00000E+00   -2190.7
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649       0       0   0.00000E+00   0.00000E+00   -340.56
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676       0       0   0.00000E+00   0.00000E+00   -8.6495
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677       0       0   0.00000E+00   0.00000E+00   -402.50
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678       0       0   0.00000E+00   0.00000E+00   -1922.5
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679       0       0   0.00000E+00   0.00000E+00   -2041.7
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680       0       0   0.00000E+00   0.00000E+00   -2665.6
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681       0       0   0.00000E+00   0.00000E+00   -3111.7
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682       0       0   0.00000E+00   0.00000E+00   -2665.2
0.00000E+00   0.00000E+00   0.00000E+00
683       0       0   0.00000E+00   0.00000E+00   -2143.8
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684       0       0   0.00000E+00   0.00000E+00   -2306.4
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685       0       0   0.00000E+00   0.00000E+00   -2061.2
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686       0       0   0.00000E+00   0.00000E+00   -2389.0
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687       0       0   0.00000E+00   0.00000E+00   -2250.7
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688       0       0   0.00000E+00   0.00000E+00   -53432.
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689       0       0   0.00000E+00   0.00000E+00   -68196.
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690       0       0   0.00000E+00   0.00000E+00   -2350.9
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691       0       0   0.00000E+00   0.00000E+00   -2024.2
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -2289.4
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693       0       0   0.00000E+00   0.00000E+00   -2160.8
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -2110.1
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695       0       0   0.00000E+00   0.00000E+00   -2194.8
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696       0       0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
697        0        0   0.00000E+00   0.00000E+00   -1876.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2043.0
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2137.5
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2451.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1925.7
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2054.3
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2201.9
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1922.4
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705        0        0   0.00000E+00   0.00000E+00   -2180.5
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706        0        0   0.00000E+00   0.00000E+00   -1382.7
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734        0        0   0.00000E+00   0.00000E+00   -270.80
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735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
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737        0        0   0.00000E+00   0.00000E+00   -5062.0
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738        0        0   0.00000E+00   0.00000E+00   -6091.4
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739        0        0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4506.7
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741        0        0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4494.6
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743        0        0   0.00000E+00   0.00000E+00   -4233.5
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744        0        0   0.00000E+00   0.00000E+00   -4291.2
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745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
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747        0        0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -3985.1
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749        0        0   0.00000E+00   0.00000E+00   -4623.6
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750        0        0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4418.6
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752        0        0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3805.0
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754        0        0   0.00000E+00   0.00000E+00   -3757.1
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4202.9
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757        0        0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3776.3
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4108.5
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4234.0
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0.00000E+00   0.00000E+00   0.00000E+00
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762       0       0   0.00000E+00   0.00000E+00   -4307.7
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763       0       0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -6174.3
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793       0       0   0.00000E+00   0.00000E+00   -8304.1
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794       0       0   0.00000E+00   0.00000E+00   -9998.9
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795       0       0   0.00000E+00   0.00000E+00   -12239.
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796       0       0   0.00000E+00   0.00000E+00   -10126.
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797       0       0   0.00000E+00   0.00000E+00   -9393.5
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798       0       0   0.00000E+00   0.00000E+00   -7854.5
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799       0       0   0.00000E+00   0.00000E+00   -9531.4
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800       0       0   0.00000E+00   0.00000E+00   -8022.6
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801       0       0   0.00000E+00   0.00000E+00   -9057.2
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802       0       0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.11090E+06
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804       0       0   0.00000E+00   0.00000E+00   -20998.
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805       0       0   0.00000E+00   0.00000E+00   -8030.8
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806       0       0   0.00000E+00   0.00000E+00   -9445.2
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807       0       0   0.00000E+00   0.00000E+00   -7854.5
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808       0       0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -7690.4
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811       0       0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -7594.2
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816       0       0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
852       0       0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4466.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4143.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4204.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3538.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3994.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55383. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95824. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15006. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3542.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4166.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4054.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3452.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3392.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 684

CDM_TRsx - My (My) @ 16 (+X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE |
| NODE | NODE | RNCE | FX | FY | FZ | MX | MY | MZ |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -357.23 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

```
480        0        0   0.00000E+00   0.00000E+00   -797.51
0.00000E+00   0.00000E+00   0.00000E+00
481        0        0   0.00000E+00   0.00000E+00   -778.16
0.00000E+00   0.00000E+00   0.00000E+00
482        0        0   0.00000E+00   0.00000E+00   -714.46
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -816.87
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -758.81
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -944.27
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1148.3
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -912.02
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -855.57
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -720.10
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -728.16
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -847.51
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -714.46
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -963.63
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1148.3
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -945.08
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -808.80
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -714.46
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -786.22
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -789.45
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -714.46
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -982.98
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1148.3
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -983.79
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -750.74
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -962.32
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1126.5
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1005.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1041.0
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1354.6
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1585.5
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1377.1
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1076.6
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1167.0
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -1094.9
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1128.2
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -8661.2
```

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0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -10012.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -1170.0
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1043.4
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1156.4
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1106.0
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1117.1
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -864.39
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -285.99
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -275.82
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -286.42
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -301.67
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -333.45
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -301.25
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -297.43
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -68.638
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -109.36
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -244.14
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -238.21
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -218.71
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -250.06
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -232.29
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -289.06
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -279.19
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -261.91
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -220.44
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -222.91
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -259.44
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -218.71
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -294.99
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -289.31
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -247.59
0.00000E+00   0.00000E+00   0.00000E+00
```

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554        0        0   0.00000E+00   0.00000E+00   -218.71
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -240.68
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -241.67
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -218.71
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -300.91
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -301.16
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -229.82
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1787.2
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2044.2
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1961.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2270.6
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2512.0
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3118.6
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2585.6
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2361.2
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2097.1
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2280.3
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2171.7
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -29090.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -34009.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2200.8
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2223.3
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -2025.1
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2424.2
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2027.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -2197.6
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1809.8
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1745.5
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1812.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1909.0
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1906.4
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1882.2
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1713.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -434.36
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1574.2
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1888.9
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2214.9
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2558.7
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2865.5
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2935.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2667.8
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2400.5
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2556.4
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2511.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -36596.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -67762.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -34879.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2584.3
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2258.6
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2760.5
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2307.7
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2555.6
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2354.5
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2211.7
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2319.8
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2439.8
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2718.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2191.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2416.7
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2428.8
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -972.40
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -8.6495
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.50
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2041.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
680        0        0   0.00000E+00   0.00000E+00   -2665.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.2
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.4
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2061.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2389.0
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2250.7
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53432.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68196.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2350.9
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2024.2
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2289.4
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2160.8
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2110.1
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2194.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1876.7
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2043.0
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2137.5
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2451.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1925.7
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2054.3
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2201.9
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2180.5
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.4
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4506.7
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4494.6
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4233.5
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4291.2
 0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
 0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
 0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -13360.
 0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -3985.1
 0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4623.6
 0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4022.3
 0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4418.6
 0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4036.9
 0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3805.0
 0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3757.1
 0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3990.0
 0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4202.9
 0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4701.7
 0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3776.3
 0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4108.5
 0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4234.0
 0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3774.0
 0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4307.7
 0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2706.5
 0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -6174.3
 0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -8304.1
 0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9998.9
 0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12239.
 0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10126.
 0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9393.5
 0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7854.5
 0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9531.4
 0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8022.6
 0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -9057.2
 0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -65877.
 0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
 0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -20998.
 0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8030.8
 0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9445.2
 0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7854.5
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -4204.1
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3538.6
0.00000E+00   0.00000E+00   0.00000E+00
858        0        0   0.00000E+00   0.00000E+00   -3994.9
0.00000E+00   0.00000E+00   0.00000E+00
859        0        0   0.00000E+00   0.00000E+00   -55383.
0.00000E+00   0.00000E+00   0.00000E+00
860        0        0   0.00000E+00   0.00000E+00   -95824.
0.00000E+00   0.00000E+00   0.00000E+00
861        0        0   0.00000E+00   0.00000E+00   -15006.
0.00000E+00   0.00000E+00   0.00000E+00
862        0        0   0.00000E+00   0.00000E+00   -3542.2
0.00000E+00   0.00000E+00   0.00000E+00
863        0        0   0.00000E+00   0.00000E+00   -4166.1
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
865        0        0   0.00000E+00   0.00000E+00   -4054.3
0.00000E+00   0.00000E+00   0.00000E+00
866        0        0   0.00000E+00   0.00000E+00   -3452.7
0.00000E+00   0.00000E+00   0.00000E+00
867        0        0   0.00000E+00   0.00000E+00   -3392.1
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -3369.8
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -3531.5
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -3733.5
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -4119.4
0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -3349.6
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 685

CDM_TRsx - My (My) @ 20 - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFFRNCE | FORCE FX | FORCE FY | FORCE FZ | |
| MX | MY | MZ | | | | |
| 479 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -355.58 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -804.82 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -767.23 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -711.15 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -842.42 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -729.63 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -954.57 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1147.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -948.62 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -804.19 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -711.15 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -805.45 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -766.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -711.15 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -992.79 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1159.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -991.54 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -711.15 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -768.48 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -803.57 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -711.15 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -806.07
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -947.36
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1147.9
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -953.94
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -800.15
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1111.3
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1008.6
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1070.4
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1073.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1305.1
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1585.1
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1337.9
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1171.9
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1067.3
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -1181.5
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1557.6
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -10002.
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -6782.2
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -319.23
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -284.72
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -332.36
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -279.94
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -340.95
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -279.94
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -293.62
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -305.06
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -245.32
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -261.00
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -352.51
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -281.33
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -324.13
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -274.55
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -282.18
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -247.86
0.00000E+00   0.00000E+00   0.00000E+00
536        0        0   0.00000E+00   0.00000E+00   -108.85
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -246.37
0.00000E+00   0.00000E+00   0.00000E+00
```

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538        0        0   0.00000E+00   0.00000E+00   -234.87
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -217.70
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -257.88
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -223.36
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -292.22
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.39
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -290.39
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -246.18
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -217.70
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -246.57
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -234.67
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -217.70
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -303.92
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -355.03
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -303.53
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -217.70
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -235.25
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -245.99
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -217.70
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -246.76
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -290.01
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.39
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -292.02
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -658.29
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1970.6
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2099.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -2141.8
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1959.1
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2657.6
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3118.4
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2784.3
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2044.6
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2325.9
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2134.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -3965.2
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -35803.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -25094.
```

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0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -2020.2
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -1801.8
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -2103.2
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -1771.5
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -2157.6
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -1771.5
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -1858.1
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -1930.5
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -1552.4
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -1651.6
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -2230.8
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -1780.3
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -2051.1
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -1737.4
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -1785.7
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -1568.5
0.00000E+00   0.00000E+00   0.00000E+00
618       0       0   0.00000E+00   0.00000E+00   -435.93
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -1719.5
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -1985.8
0.00000E+00   0.00000E+00   0.00000E+00
621       0       0   0.00000E+00   0.00000E+00   -2384.4
0.00000E+00   0.00000E+00   0.00000E+00
622       0       0   0.00000E+00   0.00000E+00   -2219.6
0.00000E+00   0.00000E+00   0.00000E+00
623       0       0   0.00000E+00   0.00000E+00   -3035.1
0.00000E+00   0.00000E+00   0.00000E+00
624       0       0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625       0       0   0.00000E+00   0.00000E+00   -3157.9
0.00000E+00   0.00000E+00   0.00000E+00
626       0       0   0.00000E+00   0.00000E+00   -2303.1
0.00000E+00   0.00000E+00   0.00000E+00
627       0       0   0.00000E+00   0.00000E+00   -2674.0
0.00000E+00   0.00000E+00   0.00000E+00
628       0       0   0.00000E+00   0.00000E+00   -2374.0
0.00000E+00   0.00000E+00   0.00000E+00
629       0       0   0.00000E+00   0.00000E+00   -4792.1
0.00000E+00   0.00000E+00   0.00000E+00
630       0       0   0.00000E+00   0.00000E+00   -45353.
0.00000E+00   0.00000E+00   0.00000E+00
631       0       0   0.00000E+00   0.00000E+00   -56766.
0.00000E+00   0.00000E+00   0.00000E+00
632       0       0   0.00000E+00   0.00000E+00   -34963.
0.00000E+00   0.00000E+00   0.00000E+00
633       0       0   0.00000E+00   0.00000E+00   -2384.6
0.00000E+00   0.00000E+00   0.00000E+00
634       0       0   0.00000E+00   0.00000E+00   -2607.0
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -2338.8
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -2695.2
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -2294.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
638        0        0   0.00000E+00   0.00000E+00   -2402.9
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2408.6
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2017.9
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2158.4
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2762.7
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2387.8
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2530.6
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2247.1
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2331.9
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2045.4
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -536.47
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2.3952
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -9.4479
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -403.03
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1923.4
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2039.8
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2666.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2666.5
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2141.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2307.9
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2060.2
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2406.4
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2318.1
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53347.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68197.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2349.8
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2026.1
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2287.1
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2162.9
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2108.7
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2195.0
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1923.6
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1875.6
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2042.1
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2139.3
```

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 0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2450.0
 0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1927.6
 0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2053.4
 0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2201.3
 0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1921.6
 0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2178.1
 0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1382.7
 0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -270.80
 0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3315.0
 0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
 0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5062.0
 0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.4
 0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5102.6
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740        0        0   0.00000E+00   0.00000E+00   -4506.7
 0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4122.5
 0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4494.6
 0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4233.5
 0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4291.2
 0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
 0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
 0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -13360.
 0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -3985.1
 0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4623.6
 0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4022.3
 0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4418.6
 0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4036.9
 0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3805.0
 0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3757.1
 0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3990.0
 0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4202.9
 0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4701.7
 0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3776.3
 0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4108.5
 0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4234.0
 0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3774.0
 0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4307.7
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
763        0        0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3464.4
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4204.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3538.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3994.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55383. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95824. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15006. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3542.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4166.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4054.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3452.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3392.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 686

CDM_TRsx - My (My) @ 22 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -391.72 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -836.39 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -737.57 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -716.40 | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -857.56
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -911.67
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1148.1
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -939.90
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -772.86
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -801.09
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -712.87
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -801.09
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -772.86
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -939.90
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1148.1
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -911.67
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -857.56
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -716.40
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -737.57
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -836.39
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -712.87
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -968.14
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1148.1
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -964.61
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -808.52
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -983.61
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1093.0
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1066.3
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -996.96
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1360.3
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1592.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1389.8
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1055.0
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1174.5
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -1099.2
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1113.6
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -8687.7
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -9985.7
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -1196.7
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1002.8
0.00000E+00   0.00000E+00   0.00000E+00
```

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520        0        0   0.00000E+00   0.00000E+00   -471.45
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -308.65
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -303.27
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -315.27
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -310.78
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -249.13
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -268.62
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -337.26
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -302.31
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -284.09
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -314.59
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -28.599
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -119.92
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -256.04
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -225.79
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -219.31
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -262.52
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -279.08
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.46
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -287.73
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -236.59
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -245.23
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -218.23
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -245.23
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -236.59
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -287.73
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.46
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -279.08
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -262.52
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -219.31
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -225.79
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -256.04
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -218.23
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -296.37
```

```
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -351.46
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -295.29
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -419.73
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -1931.5
0.00000E+00   0.00000E+00   0.00000E+00
563       0       0   0.00000E+00   0.00000E+00   -1965.0
0.00000E+00   0.00000E+00   0.00000E+00
564       0       0   0.00000E+00   0.00000E+00   -2220.9
0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -2016.0
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -2594.2
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -3120.7
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -2667.8
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -2235.7
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -2131.8
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -2335.7
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -2026.7
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -29325.
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -33761.
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -2462.3
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -1977.1
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -2035.5
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -1953.2
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -1919.1
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -1995.1
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -1966.7
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -1576.6
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -1699.9
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -2134.3
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -1913.1
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -1797.8
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -1990.8
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -180.98
0.00000E+00   0.00000E+00   0.00000E+00
618       0       0   0.00000E+00   0.00000E+00   -181.64
0.00000E+00   0.00000E+00   0.00000E+00
619       0       0   0.00000E+00   0.00000E+00   -1719.5
0.00000E+00   0.00000E+00   0.00000E+00
620       0       0   0.00000E+00   0.00000E+00   -1816.2
0.00000E+00   0.00000E+00   0.00000E+00
```

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       621        0        0   0.00000E+00   0.00000E+00   -2469.2
   0.00000E+00   0.00000E+00   0.00000E+00
       622        0        0   0.00000E+00   0.00000E+00   -2304.4
   0.00000E+00   0.00000E+00   0.00000E+00
       623        0        0   0.00000E+00   0.00000E+00   -2950.3
   0.00000E+00   0.00000E+00   0.00000E+00
       624        0        0   0.00000E+00   0.00000E+00   -3539.7
   0.00000E+00   0.00000E+00   0.00000E+00
       625        0        0   0.00000E+00   0.00000E+00   -3018.2
   0.00000E+00   0.00000E+00   0.00000E+00
       626        0        0   0.00000E+00   0.00000E+00   -2542.4
   0.00000E+00   0.00000E+00   0.00000E+00
       627        0        0   0.00000E+00   0.00000E+00   -2434.7
   0.00000E+00   0.00000E+00   0.00000E+00
       628        0        0   0.00000E+00   0.00000E+00   -2613.3
   0.00000E+00   0.00000E+00   0.00000E+00
       629        0        0   0.00000E+00   0.00000E+00   -2363.7
   0.00000E+00   0.00000E+00   0.00000E+00
       630        0        0   0.00000E+00   0.00000E+00   -36836.
   0.00000E+00   0.00000E+00   0.00000E+00
       631        0        0   0.00000E+00   0.00000E+00   -67510.
   0.00000E+00   0.00000E+00   0.00000E+00
       632        0        0   0.00000E+00   0.00000E+00   -35146.
   0.00000E+00   0.00000E+00   0.00000E+00
       633        0        0   0.00000E+00   0.00000E+00   -2337.7
   0.00000E+00   0.00000E+00   0.00000E+00
       634        0        0   0.00000E+00   0.00000E+00   -2490.7
   0.00000E+00   0.00000E+00   0.00000E+00
       635        0        0   0.00000E+00   0.00000E+00   -2521.2
   0.00000E+00   0.00000E+00   0.00000E+00
       636        0        0   0.00000E+00   0.00000E+00   -2455.9
   0.00000E+00   0.00000E+00   0.00000E+00
       637        0        0   0.00000E+00   0.00000E+00   -2519.3
   0.00000E+00   0.00000E+00   0.00000E+00
       638        0        0   0.00000E+00   0.00000E+00   -2257.6
   0.00000E+00   0.00000E+00   0.00000E+00
       639        0        0   0.00000E+00   0.00000E+00   -2445.0
   0.00000E+00   0.00000E+00   0.00000E+00
       640        0        0   0.00000E+00   0.00000E+00   -2042.1
   0.00000E+00   0.00000E+00   0.00000E+00
       641        0        0   0.00000E+00   0.00000E+00   -2206.8
   0.00000E+00   0.00000E+00   0.00000E+00
       642        0        0   0.00000E+00   0.00000E+00   -2665.9
   0.00000E+00   0.00000E+00   0.00000E+00
       643        0        0   0.00000E+00   0.00000E+00   -2521.0
   0.00000E+00   0.00000E+00   0.00000E+00
       644        0        0   0.00000E+00   0.00000E+00   -2276.3
   0.00000E+00   0.00000E+00   0.00000E+00
       645        0        0   0.00000E+00   0.00000E+00   -2501.4
   0.00000E+00   0.00000E+00   0.00000E+00
       646        0        0   0.00000E+00   0.00000E+00   -2259.3
   0.00000E+00   0.00000E+00   0.00000E+00
       647        0        0   0.00000E+00   0.00000E+00   -2190.7
   0.00000E+00   0.00000E+00   0.00000E+00
       648        0        0   0.00000E+00   0.00000E+00   -718.11
   0.00000E+00   0.00000E+00   0.00000E+00
       649        0        0   0.00000E+00   0.00000E+00   -340.56
   0.00000E+00   0.00000E+00   0.00000E+00
       675        0        0   0.00000E+00   0.00000E+00  -0.99801
   0.00000E+00   0.00000E+00   0.00000E+00
       676        0        0   0.00000E+00   0.00000E+00   -9.4479
   0.00000E+00   0.00000E+00   0.00000E+00
       677        0        0   0.00000E+00   0.00000E+00   -402.10
   0.00000E+00   0.00000E+00   0.00000E+00
       678        0        0   0.00000E+00   0.00000E+00   -1923.9
   0.00000E+00   0.00000E+00   0.00000E+00
       679        0        0   0.00000E+00   0.00000E+00   -2040.3
   0.00000E+00   0.00000E+00   0.00000E+00
       680        0        0   0.00000E+00   0.00000E+00   -2666.1
   0.00000E+00   0.00000E+00   0.00000E+00
       681        0        0   0.00000E+00   0.00000E+00   -3111.7
   0.00000E+00   0.00000E+00   0.00000E+00
       682        0        0   0.00000E+00   0.00000E+00   -2665.7
```

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 0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.1
 0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.6
 0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2061.5
 0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2388.2
 0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2252.1
 0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53430.
 0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68198.
 0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2349.5
 0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2025.5
 0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2288.1
 0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2161.6
 0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2109.9
 0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2194.2
 0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1923.8
 0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1875.8
 0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2042.4
 0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2138.7
 0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2450.8
 0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1926.2
 0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2054.8
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703        0        0   0.00000E+00   0.00000E+00   -2200.9
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704        0        0   0.00000E+00   0.00000E+00   -1922.4
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705        0        0   0.00000E+00   0.00000E+00   -2179.1
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706        0        0   0.00000E+00   0.00000E+00   -1382.7
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734        0        0   0.00000E+00   0.00000E+00   -270.80
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735        0        0   0.00000E+00   0.00000E+00   -3315.0
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736        0        0   0.00000E+00   0.00000E+00   -4084.4
 0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5062.0
 0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.4
 0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5102.6
 0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4506.7
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741        0        0   0.00000E+00   0.00000E+00   -4122.5
 0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4494.6
 0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4233.5
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744        0        0   0.00000E+00   0.00000E+00   -4291.2
 0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
 0.00000E+00   0.00000E+00   0.00000E+00
```

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       746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00    -13360.
   0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00    -3985.1
   0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00    -4623.6
   0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00    -4022.3
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       751        0        0   0.00000E+00   0.00000E+00    -4418.6
   0.00000E+00   0.00000E+00   0.00000E+00
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       753        0        0   0.00000E+00   0.00000E+00    -3805.0
   0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00    -3757.1
   0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00    -3990.0
   0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00    -4202.9
   0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00    -4701.7
   0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00    -3776.3
   0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00    -4108.5
   0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00    -4234.0
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       761        0        0   0.00000E+00   0.00000E+00    -3774.0
   0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00    -4307.7
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       763        0        0   0.00000E+00   0.00000E+00    -2706.5
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       792        0        0   0.00000E+00   0.00000E+00    -6174.3
   0.00000E+00   0.00000E+00   0.00000E+00
       793        0        0   0.00000E+00   0.00000E+00    -8304.1
   0.00000E+00   0.00000E+00   0.00000E+00
       794        0        0   0.00000E+00   0.00000E+00    -9998.9
   0.00000E+00   0.00000E+00   0.00000E+00
       795        0        0   0.00000E+00   0.00000E+00    -12239.
   0.00000E+00   0.00000E+00   0.00000E+00
       796        0        0   0.00000E+00   0.00000E+00    -10126.
   0.00000E+00   0.00000E+00   0.00000E+00
       797        0        0   0.00000E+00   0.00000E+00    -9393.5
   0.00000E+00   0.00000E+00   0.00000E+00
       798        0        0   0.00000E+00   0.00000E+00    -7854.5
   0.00000E+00   0.00000E+00   0.00000E+00
       799        0        0   0.00000E+00   0.00000E+00    -9531.4
   0.00000E+00   0.00000E+00   0.00000E+00
       800        0        0   0.00000E+00   0.00000E+00    -8022.6
   0.00000E+00   0.00000E+00   0.00000E+00
       801        0        0   0.00000E+00   0.00000E+00    -9057.2
   0.00000E+00   0.00000E+00   0.00000E+00
       802        0        0   0.00000E+00   0.00000E+00    -65877.
   0.00000E+00   0.00000E+00   0.00000E+00
       803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       804        0        0   0.00000E+00   0.00000E+00    -20998.
   0.00000E+00   0.00000E+00   0.00000E+00
       805        0        0   0.00000E+00   0.00000E+00    -8030.8
   0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00    -9445.2
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       807        0        0   0.00000E+00   0.00000E+00    -7854.5
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       808        0        0   0.00000E+00   0.00000E+00    -9191.9
   0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00    -7827.8
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       810        0        0   0.00000E+00   0.00000E+00    -7690.4
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0.00000E+00   0.00000E+00   0.00000E+00
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812        0        0   0.00000E+00   0.00000E+00   -8006.4
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813        0        0   0.00000E+00   0.00000E+00   -8464.5
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814        0        0   0.00000E+00   0.00000E+00   -9339.3
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815        0        0   0.00000E+00   0.00000E+00   -7594.2
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817        0        0   0.00000E+00   0.00000E+00   -8423.2
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818        0        0   0.00000E+00   0.00000E+00   -7594.2
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819        0        0   0.00000E+00   0.00000E+00   -8679.7
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820        0        0   0.00000E+00   0.00000E+00   -5423.1
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849        0        0   0.00000E+00   0.00000E+00   -2723.3
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850        0        0   0.00000E+00   0.00000E+00   -3662.8
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851        0        0   0.00000E+00   0.00000E+00   -4410.3
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854        0        0   0.00000E+00   0.00000E+00   -4143.2
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855        0        0   0.00000E+00   0.00000E+00   -3464.4
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856        0        0   0.00000E+00   0.00000E+00   -4204.1
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858        0        0   0.00000E+00   0.00000E+00   -3994.9
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859        0        0   0.00000E+00   0.00000E+00   -55383.
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860        0        0   0.00000E+00   0.00000E+00   -95824.
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861        0        0   0.00000E+00   0.00000E+00   -15006.
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862        0        0   0.00000E+00   0.00000E+00   -3542.2
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863        0        0   0.00000E+00   0.00000E+00   -4166.1
0.00000E+00   0.00000E+00   0.00000E+00
864        0        0   0.00000E+00   0.00000E+00   -3464.4
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865        0        0   0.00000E+00   0.00000E+00   -4054.3
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866        0        0   0.00000E+00   0.00000E+00   -3452.7
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867        0        0   0.00000E+00   0.00000E+00   -3392.1
0.00000E+00   0.00000E+00   0.00000E+00
868        0        0   0.00000E+00   0.00000E+00   -3369.8
0.00000E+00   0.00000E+00   0.00000E+00
869        0        0   0.00000E+00   0.00000E+00   -3531.5
0.00000E+00   0.00000E+00   0.00000E+00
870        0        0   0.00000E+00   0.00000E+00   -3733.5
0.00000E+00   0.00000E+00   0.00000E+00
871        0        0   0.00000E+00   0.00000E+00   -4119.4
0.00000E+00   0.00000E+00   0.00000E+00
872        0        0   0.00000E+00   0.00000E+00   -3349.6
0.00000E+00   0.00000E+00   0.00000E+00
873        0        0   0.00000E+00   0.00000E+00   -3683.0
0.00000E+00   0.00000E+00   0.00000E+00
874        0        0   0.00000E+00   0.00000E+00   -3715.3
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 262
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 687

CDM_TRsx - My (My) @ 22 (+X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | | |
| FORCE | FORCE | FORCE | | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | | |
| MX | MY | MZ | | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -179.87 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.99 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -768.65 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -806.52 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.99 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -977.54 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -976.01 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -762.54 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.99 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -834.62 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -740.56 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.99 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1003.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1151.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -995.25 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.99 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -753.38 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -821.79 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -713.99 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -775.37 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -967.46 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

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503        0        0   0.00000E+00   0.00000E+00   -973.26
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -742.59
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1090.1
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1026.6
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1028.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1125.4
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1285.1
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1585.5
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1339.5
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -1145.7
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -1115.5
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -1108.9
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -1152.3
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -8612.6
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -10084.
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -1103.5
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -486.10
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -314.03
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -308.65
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -303.27
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -315.27
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -310.78
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -249.13
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -268.62
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -337.26
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -302.31
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -284.09
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -314.59
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -270.74
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -28.599
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -55.063
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -218.57
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -235.30
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -246.89
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -218.57
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0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -299.25
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.50
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -298.78
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -233.43
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -218.57
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -255.49
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -226.70
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -218.57
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -307.29
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -352.44
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -304.67
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -218.57
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -230.63
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -251.57
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -218.57
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -237.36
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -296.16
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.50
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -297.94
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -399.55
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1964.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1944.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -2209.4
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2055.3
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2571.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3118.5
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2652.4
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2263.5
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2113.7
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -2338.7
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2038.5
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -29302.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -33791.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2433.8
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1818.9
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1987.3
0.00000E+00   0.00000E+00   0.00000E+00
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578        0        0   0.00000E+00   0.00000E+00   -1953.2
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1919.1
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1995.1
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1966.7
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1576.6
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1699.9
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -2134.3
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -1913.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1797.8
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1990.8
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1713.3
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -180.98
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -181.64
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1719.5
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1816.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2469.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2304.4
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2950.3
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3539.7
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -3018.2
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2542.4
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2434.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2613.3
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2363.7
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -36836.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -67510.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -35146.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2337.7
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2490.7
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2521.2
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2455.9
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2519.3
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2257.6
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2445.0
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2042.1
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0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2206.8
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2665.9
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2521.0
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2276.3
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2501.4
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2259.3
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -2190.7
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -718.11
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00  -0.99801
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -9.4479
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.10
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1923.9
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2040.3
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2666.1
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3111.7
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.7
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.1
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.6
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2061.5
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2388.2
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2252.1
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53430.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68198.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2349.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2025.5
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2288.1
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2161.6
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2109.9
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2194.2
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1923.8
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1875.8
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2042.4
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2138.7
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2450.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1926.2
0.00000E+00   0.00000E+00   0.00000E+00
```

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       702        0        0   0.00000E+00   0.00000E+00   -2054.8
0.00000E+00   0.00000E+00   0.00000E+00
       703        0        0   0.00000E+00   0.00000E+00   -2200.9
0.00000E+00   0.00000E+00   0.00000E+00
       704        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
       705        0        0   0.00000E+00   0.00000E+00   -2179.1
0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
       707        0        0   0.00000E+00   0.00000E+00   -803.82
0.00000E+00   0.00000E+00   0.00000E+00
       708        0        0   0.00000E+00   0.00000E+00   -185.50
0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -4084.4
0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00   -6091.4
0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -4506.7
0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -4494.6
0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -4233.5
0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -4291.2
0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -3805.0
0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -3757.1
0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -3776.3
0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -4108.5
0.00000E+00   0.00000E+00   0.00000E+00
       760        0        0   0.00000E+00   0.00000E+00   -4234.0
0.00000E+00   0.00000E+00   0.00000E+00
       761        0        0   0.00000E+00   0.00000E+00   -3774.0
0.00000E+00   0.00000E+00   0.00000E+00
       762        0        0   0.00000E+00   0.00000E+00   -4307.7
0.00000E+00   0.00000E+00   0.00000E+00
       763        0        0   0.00000E+00   0.00000E+00   -2706.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
764       0       0   0.00000E+00   0.00000E+00   -2486.8
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -573.88
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -1096.9
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -253.12
0.00000E+00   0.00000E+00   0.00000E+00
849       0       0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850       0       0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851       0       0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 852 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 853 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4466.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 854 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4143.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 855 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 856 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4204.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3538.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3994.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55383. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95824. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15006. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3542.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4166.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4054.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3452.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3392.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 268
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 688

CDM_TRsx - My (My) @ 28 - Positive - Frequent

| CONCENTRATED LOAD | | | | | |
|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ |
| FORCE MX | FORCE MY | FORCE MZ | | | |

```
482        0        0   0.00000E+00   0.00000E+00   -249.82
0.00000E+00   0.00000E+00   0.00000E+00
483        0        0   0.00000E+00   0.00000E+00   -707.95
0.00000E+00   0.00000E+00   0.00000E+00
484        0        0   0.00000E+00   0.00000E+00   -859.66
0.00000E+00   0.00000E+00   0.00000E+00
485        0        0   0.00000E+00   0.00000E+00   -911.74
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -1147.2
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -926.08
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -815.88
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -752.48
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -717.76
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -850.60
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -707.95
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -965.32
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1147.2
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -990.23
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -741.92
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -728.33
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -840.03
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -707.95
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -782.67
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -963.06
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1147.2
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -951.74
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -888.04
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1148.4
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -988.50
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1067.1
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1100.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1287.3
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1584.6
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1266.4
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -434.36
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -297.44
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -312.79
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -797.13
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -9753.4
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -6805.2
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -288.43
```

```
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -333.43
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -278.81
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -327.23
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -300.15
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -296.20
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -310.28
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -271.43
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -262.32
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -281.98
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -310.76
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -328.02
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -287.26
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -271.43
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -323.70
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -166.89
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -76.476
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -216.72
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -263.16
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -279.10
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -351.19
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -283.49
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -249.76
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -230.35
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -219.72
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -260.39
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -216.72
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -295.51
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -351.19
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -303.13
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -227.12
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -222.96
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -257.15
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -216.72
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -239.59
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -294.81
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.19
0.00000E+00   0.00000E+00   0.00000E+00
```

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560        0        0   0.00000E+00   0.00000E+00   -291.35
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1170.0
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2272.1
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1992.1
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1975.7
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2297.9
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2487.9
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3118.9
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2570.3
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2119.9
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1882.3
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1979.4
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -3714.2
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -35648.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -25239.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -1825.3
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2110.0
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1764.4
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2070.8
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1899.4
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1874.4
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1963.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1717.7
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1660.0
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1784.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1966.5
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2075.8
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1817.8
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1717.7
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -2048.5
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1056.1
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -155.06
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -35.782
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -947.23
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2025.4
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1878.5
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2210.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2568.2
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2861.8
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.4
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2955.3
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2620.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2454.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2491.5
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -4772.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -45270.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -56912.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -34768.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2694.0
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2267.0
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2639.2
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2436.1
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2398.2
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2508.7
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2195.1
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2125.9
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2291.7
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2497.5
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2684.3
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2296.4
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2227.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2595.7
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1531.1
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -536.47
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -629.53
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -145.28
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -5.2046
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -11.129
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -402.44
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2041.8
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2665.6
0.00000E+00   0.00000E+00   0.00000E+00
```

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681        0        0   0.00000E+00   0.00000E+00   -3111.8
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2665.4
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2143.6
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2306.7
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2060.9
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2406.3
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2317.6
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53348.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68196.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2351.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2024.3
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2288.8
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2161.5
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2109.2
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2195.6
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1876.2
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2042.8
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2137.8
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2451.6
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1926.3
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2053.3
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2202.8
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1918.8
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2178.1
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1670.8
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -842.18
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4084.4
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6091.4
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4506.7
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4494.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
743       0       0   0.00000E+00   0.00000E+00   -4233.5
0.00000E+00   0.00000E+00   0.00000E+00
744       0       0   0.00000E+00   0.00000E+00   -4291.2
0.00000E+00   0.00000E+00   0.00000E+00
745       0       0   0.00000E+00   0.00000E+00  -0.10033E+06
0.00000E+00   0.00000E+00   0.00000E+00
746       0       0   0.00000E+00   0.00000E+00  -0.14910E+06
0.00000E+00   0.00000E+00   0.00000E+00
747       0       0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
748       0       0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
749       0       0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
750       0       0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
751       0       0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
752       0       0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
753       0       0   0.00000E+00   0.00000E+00   -3805.0
0.00000E+00   0.00000E+00   0.00000E+00
754       0       0   0.00000E+00   0.00000E+00   -3757.1
0.00000E+00   0.00000E+00   0.00000E+00
755       0       0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
756       0       0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
757       0       0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
758       0       0   0.00000E+00   0.00000E+00   -3776.3
0.00000E+00   0.00000E+00   0.00000E+00
759       0       0   0.00000E+00   0.00000E+00   -4108.5
0.00000E+00   0.00000E+00   0.00000E+00
760       0       0   0.00000E+00   0.00000E+00   -4234.0
0.00000E+00   0.00000E+00   0.00000E+00
761       0       0   0.00000E+00   0.00000E+00   -3774.0
0.00000E+00   0.00000E+00   0.00000E+00
762       0       0   0.00000E+00   0.00000E+00   -4307.7
0.00000E+00   0.00000E+00   0.00000E+00
763       0       0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
764       0       0   0.00000E+00   0.00000E+00   -3825.9
0.00000E+00   0.00000E+00   0.00000E+00
765       0       0   0.00000E+00   0.00000E+00   -2295.5
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       805        0        0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
       806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
       807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
       808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
       809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
       810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
       811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
       812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
       813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
       814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -1687.5
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -1012.5
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -4204.1
0.00000E+00   0.00000E+00   0.00000E+00
       857        0        0   0.00000E+00   0.00000E+00   -3538.6
0.00000E+00   0.00000E+00   0.00000E+00
       858        0        0   0.00000E+00   0.00000E+00   -3994.9
0.00000E+00   0.00000E+00   0.00000E+00
       859        0        0   0.00000E+00   0.00000E+00   -55383.
0.00000E+00   0.00000E+00   0.00000E+00
       860        0        0   0.00000E+00   0.00000E+00   -95824.
0.00000E+00   0.00000E+00   0.00000E+00
       861        0        0   0.00000E+00   0.00000E+00   -15006.
0.00000E+00   0.00000E+00   0.00000E+00
       862        0        0   0.00000E+00   0.00000E+00   -3542.2
0.00000E+00   0.00000E+00   0.00000E+00
       863        0        0   0.00000E+00   0.00000E+00   -4166.1
0.00000E+00   0.00000E+00   0.00000E+00
       864        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
       865        0        0   0.00000E+00   0.00000E+00   -4054.3
0.00000E+00   0.00000E+00   0.00000E+00
       866        0        0   0.00000E+00   0.00000E+00   -3452.7
0.00000E+00   0.00000E+00   0.00000E+00
       867        0        0   0.00000E+00   0.00000E+00   -3392.1
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 266
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 689

CDM_TRsx - My (My) @ 34 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -43.588 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -340.88 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1008.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1269.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1162.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -985.59 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1072.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1085.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1007.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1342.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1539.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1050.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.40 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -786.71 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -779.80 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -706.40 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -848.89
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -918.84
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1146.8
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -924.88
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -968.67
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1065.9
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1008.5
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1112.4
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1032.0
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1317.5
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1584.2
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1225.6
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -337.25
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -297.44
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -312.79
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -797.13
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -9753.4
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -6805.2
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -288.43
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -333.43
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -278.81
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -327.23
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -300.15
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -296.20
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -310.28
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -271.43
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -262.32
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -281.98
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -310.76
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -328.02
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -287.26
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -271.43
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -323.70
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -166.89
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -275.84
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2157.2
0.00000E+00   0.00000E+00   0.00000E+00
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543        0        0   0.00000E+00   0.00000E+00   -2929.2
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2515.5
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2265.1
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1894.6
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -2246.5
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1972.1
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -2123.5
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2600.5
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2764.2
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -649.01
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -216.25
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -240.83
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -238.72
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -216.25
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -259.86
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -281.28
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.07
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -283.13
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1194.7
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2246.8
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1998.2
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1989.6
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2276.9
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2497.1
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3118.8
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2557.8
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2090.2
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1882.3
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1979.4
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -3714.2
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -35648.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -25239.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -1825.3
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2110.0
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1764.4
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2070.8
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1899.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1874.4
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1963.5
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1717.7
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1660.0
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1784.5
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1966.5
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2075.8
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1817.8
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1717.7
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -2048.5
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1056.1
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -233.42
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -546.16
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -491.77
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -496.30
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -541.63
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -743.68
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2819.9
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3538.7
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2888.9
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2480.4
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -1800.0
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2023.0
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -1729.6
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -1914.2
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2309.3
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -2418.2
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -345.45
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -947.23
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2025.4
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1878.5
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2210.3
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2568.2
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2861.8
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.4
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2955.3
0.00000E+00   0.00000E+00   0.00000E+00
```

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626        0        0   0.00000E+00   0.00000E+00   -2620.6
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2454.7
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2491.5
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -4772.9
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -45270.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -56912.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -34768.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2694.0
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2267.0
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2639.2
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2436.1
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2398.2
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2508.7
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2195.1
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2125.9
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2291.7
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2497.5
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2684.3
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2296.4
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2227.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2595.7
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1531.1
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -536.47
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -947.69
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2217.4
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -1996.6
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -2015.0
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2199.0
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1896.9
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2670.9
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3161.9
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2634.6
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -1906.4
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -496.88
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -11.115
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -9.5034
```

```
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -10.517
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -12.689
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -13.287
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -1.8981
0.00000E+00   0.00000E+00   0.00000E+00
675       0       0   0.00000E+00   0.00000E+00   -5.2046
0.00000E+00   0.00000E+00   0.00000E+00
676       0       0   0.00000E+00   0.00000E+00   -11.129
0.00000E+00   0.00000E+00   0.00000E+00
677       0       0   0.00000E+00   0.00000E+00   -402.44
0.00000E+00   0.00000E+00   0.00000E+00
678       0       0   0.00000E+00   0.00000E+00   -1922.5
0.00000E+00   0.00000E+00   0.00000E+00
679       0       0   0.00000E+00   0.00000E+00   -2041.8
0.00000E+00   0.00000E+00   0.00000E+00
680       0       0   0.00000E+00   0.00000E+00   -2665.6
0.00000E+00   0.00000E+00   0.00000E+00
681       0       0   0.00000E+00   0.00000E+00   -3111.8
0.00000E+00   0.00000E+00   0.00000E+00
682       0       0   0.00000E+00   0.00000E+00   -2665.4
0.00000E+00   0.00000E+00   0.00000E+00
683       0       0   0.00000E+00   0.00000E+00   -2143.6
0.00000E+00   0.00000E+00   0.00000E+00
684       0       0   0.00000E+00   0.00000E+00   -2306.7
0.00000E+00   0.00000E+00   0.00000E+00
685       0       0   0.00000E+00   0.00000E+00   -2060.9
0.00000E+00   0.00000E+00   0.00000E+00
686       0       0   0.00000E+00   0.00000E+00   -2406.3
0.00000E+00   0.00000E+00   0.00000E+00
687       0       0   0.00000E+00   0.00000E+00   -2317.6
0.00000E+00   0.00000E+00   0.00000E+00
688       0       0   0.00000E+00   0.00000E+00   -53348.
0.00000E+00   0.00000E+00   0.00000E+00
689       0       0   0.00000E+00   0.00000E+00   -68196.
0.00000E+00   0.00000E+00   0.00000E+00
690       0       0   0.00000E+00   0.00000E+00   -2351.5
0.00000E+00   0.00000E+00   0.00000E+00
691       0       0   0.00000E+00   0.00000E+00   -2024.3
0.00000E+00   0.00000E+00   0.00000E+00
692       0       0   0.00000E+00   0.00000E+00   -2288.8
0.00000E+00   0.00000E+00   0.00000E+00
693       0       0   0.00000E+00   0.00000E+00   -2161.5
0.00000E+00   0.00000E+00   0.00000E+00
694       0       0   0.00000E+00   0.00000E+00   -2109.2
0.00000E+00   0.00000E+00   0.00000E+00
695       0       0   0.00000E+00   0.00000E+00   -2195.6
0.00000E+00   0.00000E+00   0.00000E+00
696       0       0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
697       0       0   0.00000E+00   0.00000E+00   -1876.2
0.00000E+00   0.00000E+00   0.00000E+00
698       0       0   0.00000E+00   0.00000E+00   -2042.8
0.00000E+00   0.00000E+00   0.00000E+00
699       0       0   0.00000E+00   0.00000E+00   -2137.8
0.00000E+00   0.00000E+00   0.00000E+00
700       0       0   0.00000E+00   0.00000E+00   -2451.6
0.00000E+00   0.00000E+00   0.00000E+00
701       0       0   0.00000E+00   0.00000E+00   -1926.3
0.00000E+00   0.00000E+00   0.00000E+00
702       0       0   0.00000E+00   0.00000E+00   -2053.3
0.00000E+00   0.00000E+00   0.00000E+00
703       0       0   0.00000E+00   0.00000E+00   -2202.8
0.00000E+00   0.00000E+00   0.00000E+00
704       0       0   0.00000E+00   0.00000E+00   -1918.8
0.00000E+00   0.00000E+00   0.00000E+00
705       0       0   0.00000E+00   0.00000E+00   -2178.1
0.00000E+00   0.00000E+00   0.00000E+00
706       0       0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
```

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       707        0        0   0.00000E+00   0.00000E+00   -1833.3
   0.00000E+00   0.00000E+00   0.00000E+00
       708        0        0   0.00000E+00   0.00000E+00   -4445.2
   0.00000E+00   0.00000E+00   0.00000E+00
       709        0        0   0.00000E+00   0.00000E+00   -3758.7
   0.00000E+00   0.00000E+00   0.00000E+00
       710        0        0   0.00000E+00   0.00000E+00   -4261.1
   0.00000E+00   0.00000E+00   0.00000E+00
       711        0        0   0.00000E+00   0.00000E+00   -3942.8
   0.00000E+00   0.00000E+00   0.00000E+00
       712        0        0   0.00000E+00   0.00000E+00   -4134.1
   0.00000E+00   0.00000E+00   0.00000E+00
       713        0        0   0.00000E+00   0.00000E+00   -5039.2
   0.00000E+00   0.00000E+00   0.00000E+00
       714        0        0   0.00000E+00   0.00000E+00   -6087.8
   0.00000E+00   0.00000E+00   0.00000E+00
       715        0        0   0.00000E+00   0.00000E+00   -5191.9
   0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -2909.8
   0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -336.31
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -270.80
   0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -3315.0
   0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -4084.4
   0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -5062.0
   0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00   -6091.4
   0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -5102.6
   0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -4506.7
   0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -4122.5
   0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -4494.6
   0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -4233.5
   0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -4291.2
   0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -13360.
   0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -3985.1
   0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -4623.6
   0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -4022.3
   0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -4418.6
   0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -4036.9
   0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -3805.0
   0.00000E+00   0.00000E+00   0.00000E+00
       754        0        0   0.00000E+00   0.00000E+00   -3757.1
   0.00000E+00   0.00000E+00   0.00000E+00
       755        0        0   0.00000E+00   0.00000E+00   -3990.0
   0.00000E+00   0.00000E+00   0.00000E+00
       756        0        0   0.00000E+00   0.00000E+00   -4202.9
   0.00000E+00   0.00000E+00   0.00000E+00
       757        0        0   0.00000E+00   0.00000E+00   -4701.7
   0.00000E+00   0.00000E+00   0.00000E+00
       758        0        0   0.00000E+00   0.00000E+00   -3776.3
   0.00000E+00   0.00000E+00   0.00000E+00
       759        0        0   0.00000E+00   0.00000E+00   -4108.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4234.0
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761        0        0   0.00000E+00   0.00000E+00   -3774.0
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762        0        0   0.00000E+00   0.00000E+00   -4307.7
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3649.9
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -9021.4
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -7368.6
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -8883.6
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -7506.3
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -8745.9
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -9916.6
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12120.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -10468.
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773        0        0   0.00000E+00   0.00000E+00   -4958.3
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
793        0        0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9998.9
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795        0        0   0.00000E+00   0.00000E+00   -12239.
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796        0        0   0.00000E+00   0.00000E+00   -10126.
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797        0        0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
```

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       814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
       815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
       816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
       817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
       818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
       819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
       820        0        0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -1609.9
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -3979.1
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -3250.1
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -3918.4
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -3310.9
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -3857.6
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -4374.0
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -5346.0
0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -4617.0
0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -2187.0
0.00000E+00   0.00000E+00   0.00000E+00
       849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
       850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
       851        0        0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
       852        0        0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
       853        0        0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
       854        0        0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
       855        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
       856        0        0   0.00000E+00   0.00000E+00   -4204.1
0.00000E+00   0.00000E+00   0.00000E+00
       857        0        0   0.00000E+00   0.00000E+00   -3538.6
0.00000E+00   0.00000E+00   0.00000E+00
       858        0        0   0.00000E+00   0.00000E+00   -3994.9
0.00000E+00   0.00000E+00   0.00000E+00
       859        0        0   0.00000E+00   0.00000E+00   -55383.
0.00000E+00   0.00000E+00   0.00000E+00
       860        0        0   0.00000E+00   0.00000E+00   -95824.
0.00000E+00   0.00000E+00   0.00000E+00
       861        0        0   0.00000E+00   0.00000E+00   -15006.
0.00000E+00   0.00000E+00   0.00000E+00
       862        0        0   0.00000E+00   0.00000E+00   -3542.2
0.00000E+00   0.00000E+00   0.00000E+00
       863        0        0   0.00000E+00   0.00000E+00   -4166.1
0.00000E+00   0.00000E+00   0.00000E+00
       864        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
       865        0        0   0.00000E+00   0.00000E+00   -4054.3
0.00000E+00   0.00000E+00   0.00000E+00
       866        0        0   0.00000E+00   0.00000E+00   -3452.7
0.00000E+00   0.00000E+00   0.00000E+00
       867        0        0   0.00000E+00   0.00000E+00   -3392.1
0.00000E+00   0.00000E+00   0.00000E+00
       868        0        0   0.00000E+00   0.00000E+00   -3369.8
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 317
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 690

CDM_TRsx - My (My) @ 34 (+X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -68.883 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -266.35 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -371.97 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -658.63 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1255.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1051.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1030.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1115.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1019.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1050.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1338.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1582.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1331.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -906.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -831.86 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -705.77 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -799.21 | |

```
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -766.55
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -942.54
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1146.6
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -957.96
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -858.83
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -975.81
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1140.8
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1022.8
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1022.1
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1360.0
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1515.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -596.77
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -279.12
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -343.77
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -281.35
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -332.18
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -7820.5
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -9210.2
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -303.35
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -305.50
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -309.91
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -297.40
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -327.72
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -275.36
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -321.68
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -276.20
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -255.03
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -275.62
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -322.99
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -316.04
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -296.09
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -270.04
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -320.73
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -168.65
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -435.91
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1685.5
0.00000E+00   0.00000E+00   0.00000E+00
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542        0        0   0.00000E+00   0.00000E+00   -2353.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2889.6
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2602.2
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1925.7
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -2267.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1962.0
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2120.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -2085.9
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2568.6
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3109.8
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2686.4
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1317.3
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -254.65
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -216.05
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -244.66
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -234.66
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -288.53
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -351.01
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -293.25
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -676.59
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1924.9
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2155.2
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -2107.6
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1939.1
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2684.4
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3132.4
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2498.2
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -1766.4
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -2175.5
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1780.5
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2102.1
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -28738.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -33807.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -1919.7
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1933.3
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1961.2
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -1882.0
```

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0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2073.9
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1742.5
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -2035.6
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1747.8
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1613.9
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1744.2
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -2044.0
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2000.0
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1873.7
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1708.9
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -2029.6
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1067.3
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -233.13
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -547.14
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -490.05
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -499.57
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -975.11
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2157.9
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -3023.7
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3605.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2981.4
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2157.9
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2625.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2180.1
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2373.7
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -1913.1
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2276.9
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -2768.8
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -2403.2
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -1096.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -436.28
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -1715.0
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -2001.3
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2363.7
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2215.1
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -3045.6
0.00000E+00   0.00000E+00   0.00000E+00
```

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624        0        0   0.00000E+00   0.00000E+00   -3577.0
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -3095.4
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2297.9
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2749.0
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2291.8
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2695.6
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -36497.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -67809.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -34863.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2516.6
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2464.5
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2449.8
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2611.2
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2265.8
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2581.1
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2225.3
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2079.6
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2251.2
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2575.3
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2608.3
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2352.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2218.4
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2576.8
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1542.3
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -536.47
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -340.56
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -946.51
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2221.4
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -1989.6
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -2028.2
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2185.2
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1902.3
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2698.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3144.9
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2620.6
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -1902.3
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -2310.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1921.7
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1903.5
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -222.71
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -12.510
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -15.213
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -13.205
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -6.0254
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2.3972
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -9.4233
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -403.12
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1923.3
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2039.8
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2666.6
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3112.0
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682        0        0   0.00000E+00   0.00000E+00   -2666.1
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2141.8
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2308.3
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2059.8
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2390.0
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2250.2
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -53432.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -68196.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -2350.5
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2025.3
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2287.7
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2162.5
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2108.5
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2196.0
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1922.6
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1876.0
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2042.6
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2138.2
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2451.2
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1926.6
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2053.2
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2202.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       704        0        0   0.00000E+00   0.00000E+00   -1918.8
0.00000E+00   0.00000E+00   0.00000E+00
       705        0        0   0.00000E+00   0.00000E+00   -2178.1
0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -1382.7
0.00000E+00   0.00000E+00   0.00000E+00
       707        0        0   0.00000E+00   0.00000E+00   -1859.6
0.00000E+00   0.00000E+00   0.00000E+00
       708        0        0   0.00000E+00   0.00000E+00   -4374.0
0.00000E+00   0.00000E+00   0.00000E+00
       709        0        0   0.00000E+00   0.00000E+00   -3902.7
0.00000E+00   0.00000E+00   0.00000E+00
       710        0        0   0.00000E+00   0.00000E+00   -4007.2
0.00000E+00   0.00000E+00   0.00000E+00
       711        0        0   0.00000E+00   0.00000E+00   -4269.5
0.00000E+00   0.00000E+00   0.00000E+00
       712        0        0   0.00000E+00   0.00000E+00   -3719.3
0.00000E+00   0.00000E+00   0.00000E+00
       713        0        0   0.00000E+00   0.00000E+00   -5316.6
0.00000E+00   0.00000E+00   0.00000E+00
       714        0        0   0.00000E+00   0.00000E+00   -6129.1
0.00000E+00   0.00000E+00   0.00000E+00
       715        0        0   0.00000E+00   0.00000E+00   -5107.6
0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -3758.2
0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -4505.1
0.00000E+00   0.00000E+00   0.00000E+00
       718        0        0   0.00000E+00   0.00000E+00   -3732.6
0.00000E+00   0.00000E+00   0.00000E+00
       719        0        0   0.00000E+00   0.00000E+00   -2045.2
0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -146.54
0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -270.80
0.00000E+00   0.00000E+00   0.00000E+00
       735        0        0   0.00000E+00   0.00000E+00   -3315.0
0.00000E+00   0.00000E+00   0.00000E+00
       736        0        0   0.00000E+00   0.00000E+00   -4084.4
0.00000E+00   0.00000E+00   0.00000E+00
       737        0        0   0.00000E+00   0.00000E+00   -5062.0
0.00000E+00   0.00000E+00   0.00000E+00
       738        0        0   0.00000E+00   0.00000E+00   -6091.4
0.00000E+00   0.00000E+00   0.00000E+00
       739        0        0   0.00000E+00   0.00000E+00   -5102.6
0.00000E+00   0.00000E+00   0.00000E+00
       740        0        0   0.00000E+00   0.00000E+00   -4506.7
0.00000E+00   0.00000E+00   0.00000E+00
       741        0        0   0.00000E+00   0.00000E+00   -4122.5
0.00000E+00   0.00000E+00   0.00000E+00
       742        0        0   0.00000E+00   0.00000E+00   -4494.6
0.00000E+00   0.00000E+00   0.00000E+00
       743        0        0   0.00000E+00   0.00000E+00   -4233.5
0.00000E+00   0.00000E+00   0.00000E+00
       744        0        0   0.00000E+00   0.00000E+00   -4291.2
0.00000E+00   0.00000E+00   0.00000E+00
       745        0        0   0.00000E+00   0.00000E+00  -0.10033E+06
0.00000E+00   0.00000E+00   0.00000E+00
       746        0        0   0.00000E+00   0.00000E+00  -0.14910E+06
0.00000E+00   0.00000E+00   0.00000E+00
       747        0        0   0.00000E+00   0.00000E+00   -13360.
0.00000E+00   0.00000E+00   0.00000E+00
       748        0        0   0.00000E+00   0.00000E+00   -3985.1
0.00000E+00   0.00000E+00   0.00000E+00
       749        0        0   0.00000E+00   0.00000E+00   -4623.6
0.00000E+00   0.00000E+00   0.00000E+00
       750        0        0   0.00000E+00   0.00000E+00   -4022.3
0.00000E+00   0.00000E+00   0.00000E+00
       751        0        0   0.00000E+00   0.00000E+00   -4418.6
0.00000E+00   0.00000E+00   0.00000E+00
       752        0        0   0.00000E+00   0.00000E+00   -4036.9
0.00000E+00   0.00000E+00   0.00000E+00
       753        0        0   0.00000E+00   0.00000E+00   -3805.0
```

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0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3757.1
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3990.0
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4202.9
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4701.7
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3776.3
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4108.5
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4234.0
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3774.0
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762        0        0   0.00000E+00   0.00000E+00   -4307.7
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2706.5
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3733.8
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8792.4
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -7828.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -8069.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8551.5
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7467.5
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10719.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12285.
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772        0        0   0.00000E+00   0.00000E+00   -10238.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -7588.0
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -9033.3
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -7467.5
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -2288.4
0.00000E+00   0.00000E+00   0.00000E+00
792        0        0   0.00000E+00   0.00000E+00   -6174.3
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793        0        0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
805        0        0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1646.9
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3878.1
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3453.1
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3559.4
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3771.9
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3293.7
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4728.1
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5418.8
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4515.6
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3346.9
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3984.4
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3293.7
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -1009.4
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -4204.1
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 857 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3538.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3994.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55383. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95824. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15006. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3542.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4166.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4054.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3452.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3392.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 330
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 691

CDM_TRsx - My (My) @ 40 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -82.000 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.24 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -309.02 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -290.22 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -359.51 | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -437.33
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -350.98
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -321.91
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -289.87
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -309.37
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -372.05
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -437.33
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -376.05
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -284.30
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -327.48
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -271.77
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -283.26
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -814.86
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1579.6
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -1284.8
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1123.0
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1007.6
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1097.7
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1015.5
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1082.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1325.7
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1579.6
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -936.60
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -322.63
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -304.45
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -306.25
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -803.37
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -9747.6
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -6810.9
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -283.58
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -336.80
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -279.50
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -323.13
0.00000E+00   0.00000E+00   0.00000E+00
```

```
522        0        0   0.00000E+00   0.00000E+00   -303.95
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -292.48
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -313.55
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -261.32
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -281.11
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -312.45
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -326.38
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -288.48
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -323.30
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -167.13
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -518.92
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1955.6
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1836.6
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2275.1
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2221.1
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2037.1
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1834.4
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1957.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2354.4
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2379.7
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1799.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2072.4
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1719.8
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1792.5
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2518.3
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3117.2
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2635.9
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1977.3
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2165.2
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2088.0
 0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1944.3
 0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2263.7
 0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2523.7
 0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3117.2
 0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2487.7
 0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2041.7
 0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1926.6
 0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1938.0
 0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -3753.6
 0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -35612.
 0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -25276.
 0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -1794.6
 0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2131.4
 0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1768.7
 0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2044.8
 0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1923.5
 0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1850.9
 0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1984.2
 0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1716.5
 0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1653.7
 0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1778.9
 0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1977.2
 0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2065.4
 0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1825.6
 0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1716.5
 0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -2045.9
 0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1057.7
 0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -237.66
 0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -529.09
 0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1039.5
 0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2198.0
 0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2502.1
 0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2351.6
 0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2909.5
 0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.9
 0.00000E+00   0.00000E+00   0.00000E+00
```

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601        0        0   0.00000E+00   0.00000E+00   -2838.1
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2604.7
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2210.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2316.4
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2535.5
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2199.9
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2999.5
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -3005.8
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2359.2
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2198.0
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2584.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2269.2
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2274.3
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3039.8
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -3003.3
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2245.2
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2433.6
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -2383.4
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2234.8
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2513.2
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2890.9
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2998.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2556.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2486.9
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2489.1
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -4742.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -45327.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -56841.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -34848.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -2622.9
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2324.1
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2594.1
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2448.8
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2421.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2466.7
0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2236.5
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2112.8
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2273.7
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2534.4
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2638.6
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2307.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2257.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2566.6
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1536.8
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -544.94
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -336.10
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -964.92
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2148.1
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2108.8
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1939.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2201.0
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2074.0
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2555.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3114.2
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2484.5
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2285.7
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1989.0
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1940.0
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -2327.4
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -1946.9
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2597.6
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3114.2
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2519.9
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2257.5
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -1939.3
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -2060.1
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2214.9
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -1939.7
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2639.9
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3114.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       674        0        0   0.00000E+00   0.00000E+00   -2604.1
   0.00000E+00   0.00000E+00   0.00000E+00
       675        0        0   0.00000E+00   0.00000E+00   -2130.6
   0.00000E+00   0.00000E+00   0.00000E+00
       676        0        0   0.00000E+00   0.00000E+00   -1940.6
   0.00000E+00   0.00000E+00   0.00000E+00
       677        0        0   0.00000E+00   0.00000E+00   -2185.2
   0.00000E+00   0.00000E+00   0.00000E+00
       678        0        0   0.00000E+00   0.00000E+00   -2088.5
   0.00000E+00   0.00000E+00   0.00000E+00
       679        0        0   0.00000E+00   0.00000E+00   -1941.0
   0.00000E+00   0.00000E+00   0.00000E+00
       680        0        0   0.00000E+00   0.00000E+00   -2681.2
   0.00000E+00   0.00000E+00   0.00000E+00
       681        0        0   0.00000E+00   0.00000E+00   -3114.2
   0.00000E+00   0.00000E+00   0.00000E+00
       682        0        0   0.00000E+00   0.00000E+00   -2762.8
   0.00000E+00   0.00000E+00   0.00000E+00
       683        0        0   0.00000E+00   0.00000E+00   -2069.3
   0.00000E+00   0.00000E+00   0.00000E+00
       684        0        0   0.00000E+00   0.00000E+00   -2257.1
   0.00000E+00   0.00000E+00   0.00000E+00
       685        0        0   0.00000E+00   0.00000E+00   -2219.7
   0.00000E+00   0.00000E+00   0.00000E+00
       686        0        0   0.00000E+00   0.00000E+00   -2123.6
   0.00000E+00   0.00000E+00   0.00000E+00
       687        0        0   0.00000E+00   0.00000E+00   -2700.0
   0.00000E+00   0.00000E+00   0.00000E+00
       688        0        0   0.00000E+00   0.00000E+00   -52910.
   0.00000E+00   0.00000E+00   0.00000E+00
       689        0        0   0.00000E+00   0.00000E+00   -68646.
   0.00000E+00   0.00000E+00   0.00000E+00
       690        0        0   0.00000E+00   0.00000E+00   -1976.2
   0.00000E+00   0.00000E+00   0.00000E+00
       691        0        0   0.00000E+00   0.00000E+00   -2238.6
   0.00000E+00   0.00000E+00   0.00000E+00
       692        0        0   0.00000E+00   0.00000E+00   -2211.5
   0.00000E+00   0.00000E+00   0.00000E+00
       693        0        0   0.00000E+00   0.00000E+00   -2115.0
   0.00000E+00   0.00000E+00   0.00000E+00
       694        0        0   0.00000E+00   0.00000E+00   -2300.9
   0.00000E+00   0.00000E+00   0.00000E+00
       695        0        0   0.00000E+00   0.00000E+00   -1940.8
   0.00000E+00   0.00000E+00   0.00000E+00
       696        0        0   0.00000E+00   0.00000E+00   -2095.5
   0.00000E+00   0.00000E+00   0.00000E+00
       697        0        0   0.00000E+00   0.00000E+00   -1848.8
   0.00000E+00   0.00000E+00   0.00000E+00
       698        0        0   0.00000E+00   0.00000E+00   -1992.3
   0.00000E+00   0.00000E+00   0.00000E+00
       699        0        0   0.00000E+00   0.00000E+00   -2243.9
   0.00000E+00   0.00000E+00   0.00000E+00
       700        0        0   0.00000E+00   0.00000E+00   -2308.1
   0.00000E+00   0.00000E+00   0.00000E+00
       701        0        0   0.00000E+00   0.00000E+00   -1939.9
   0.00000E+00   0.00000E+00   0.00000E+00
       702        0        0   0.00000E+00   0.00000E+00   -2179.8
   0.00000E+00   0.00000E+00   0.00000E+00
       703        0        0   0.00000E+00   0.00000E+00   -2095.0
   0.00000E+00   0.00000E+00   0.00000E+00
       704        0        0   0.00000E+00   0.00000E+00   -1935.7
   0.00000E+00   0.00000E+00   0.00000E+00
       705        0        0   0.00000E+00   0.00000E+00   -2212.5
   0.00000E+00   0.00000E+00   0.00000E+00
       706        0        0   0.00000E+00   0.00000E+00   -1364.6
   0.00000E+00   0.00000E+00   0.00000E+00
       707        0        0   0.00000E+00   0.00000E+00   -1889.3
   0.00000E+00   0.00000E+00   0.00000E+00
       708        0        0   0.00000E+00   0.00000E+00   -4260.6
   0.00000E+00   0.00000E+00   0.00000E+00
       709        0        0   0.00000E+00   0.00000E+00   -4086.9
   0.00000E+00   0.00000E+00   0.00000E+00
       710        0        0   0.00000E+00   0.00000E+00   -3778.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4434.4
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3913.2
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5051.1
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6092.0
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5008.7
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4287.5
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3812.8
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4170.4
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4171.9
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3801.9
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -5255.0
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6092.0
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5110.9
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3997.7
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4086.0
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4071.5
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3968.6
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4230.7
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -4994.7
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6092.0
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5024.3
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4133.6
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3332.4
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1644.8
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3869.9
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -3767.0
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5205.1
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6106.5
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5443.0
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -3936.6
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4619.6
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4096.8
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4435.4
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4281.0
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00  -0.10023E+06
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.14924E+06
0.00000E+00   0.00000E+00   0.00000E+00
```

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747        0        0   0.00000E+00   0.00000E+00   -13149.
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -4292.7
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4267.1
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4345.3
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4111.0
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4252.5
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3874.7
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3611.1
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3922.5
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4333.8
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4616.2
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3843.6
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4060.6
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4273.4
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3767.0
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4294.1
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2712.8
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3786.2
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8598.1
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8150.5
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7572.3
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -9045.8
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7702.9
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10202.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12235.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -10221.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8411.6
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7572.3
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8784.6
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -7964.0
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7628.3
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10743.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12235.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -10463.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7572.3
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -8523.5
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -8225.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7572.3
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8971.2
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -9847.8
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12235.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10016.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -8262.4
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -6192.2
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -447.98
0.00000E+00   0.00000E+00   0.00000E+00
792      793        1   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
794        0        0   0.00000E+00   0.00000E+00   -10409.
0.00000E+00   0.00000E+00   0.00000E+00
795        0        0   0.00000E+00   0.00000E+00   -12280.
0.00000E+00   0.00000E+00   0.00000E+00
796        0        0   0.00000E+00   0.00000E+00   -10972.
0.00000E+00   0.00000E+00   0.00000E+00
797        0        0   0.00000E+00   0.00000E+00   -7787.7
0.00000E+00   0.00000E+00   0.00000E+00
798        0        0   0.00000E+00   0.00000E+00   -9499.0
0.00000E+00   0.00000E+00   0.00000E+00
799        0        0   0.00000E+00   0.00000E+00   -7961.3
0.00000E+00   0.00000E+00   0.00000E+00
800        0        0   0.00000E+00   0.00000E+00   -9251.0
0.00000E+00   0.00000E+00   0.00000E+00
801        0        0   0.00000E+00   0.00000E+00   -8209.3
0.00000E+00   0.00000E+00   0.00000E+00
802        0        0   0.00000E+00   0.00000E+00   -66517.
0.00000E+00   0.00000E+00   0.00000E+00
803        0        0   0.00000E+00   0.00000E+00  -0.11038E+06
0.00000E+00   0.00000E+00   0.00000E+00
804        0        0   0.00000E+00   0.00000E+00   -21146.
0.00000E+00   0.00000E+00   0.00000E+00
805        0        0   0.00000E+00   0.00000E+00   -8524.9
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -8506.9
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -8953.3
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -7831.1
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -9038.6
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7246.7
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -7905.5
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8643.3
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9381.2
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7773.7
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -7931.8
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8775.1
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7536.6
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8564.3
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5481.1
0.00000E+00   0.00000E+00   0.00000E+00
```

```
821        0        0   0.00000E+00   0.00000E+00   -1670.0
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3792.4
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3595.0
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3340.0
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3989.9
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3397.6
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4499.9
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5396.6
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4508.2
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3710.2
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3340.0
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3874.7
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3512.7
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3364.7
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -4738.5
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -5396.6
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -4615.1
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3340.0
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3759.5
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -3627.9
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3340.0
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -3957.0
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -4343.6
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -5396.6
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -4417.7
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -3644.4
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -2731.2
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -197.59
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -3324.2
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -3324.2
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4591.1
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5416.4
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4839.3
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -3435.0
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -4189.8
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -3511.5
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -4080.4
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3620.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55665. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95594. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15071. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3760.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3752.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3949.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3454.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3986.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3324.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3196.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3486.9 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3812.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4137.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3428.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3498.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3870.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3324.2 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3777.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2417.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 391
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 692

CDM_TRsx - My (My) @ 40 (+X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -82.000 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.24 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -309.02 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -290.22 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -359.51 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.33 | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -350.98
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -321.91
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -289.87
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -309.37
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -372.05
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -437.33
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -376.05
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -284.30
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -327.48
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -271.77
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -283.26
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -814.86
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1579.6
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -1284.8
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1123.0
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1007.6
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1097.7
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1015.5
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -1082.7
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1325.7
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1579.6
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -936.60
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -322.63
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -304.45
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -306.25
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -320.83
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -7817.4
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -9223.6
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -283.58
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -336.80
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -279.50
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -323.13
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -303.95
0.00000E+00   0.00000E+00   0.00000E+00
```

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523        0        0   0.00000E+00   0.00000E+00   -292.48
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -313.55
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -261.32
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -281.11
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -312.45
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -326.38
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -288.48
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -271.24
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -323.30
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -167.13
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -518.92
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1955.6
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1836.6
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2275.1
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2221.1
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2037.1
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1834.4
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1957.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2354.4
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.6
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2379.7
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -1799.1
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2072.4
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1719.8
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1792.5
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2518.3
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3117.2
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2635.9
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1977.3
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2165.2
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2088.0
```

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0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1944.3
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -2263.7
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -2523.7
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -3117.2
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -2487.7
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -2041.7
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -1926.6
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -1938.0
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -2030.3
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -28719.
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -33892.
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -1794.6
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -2131.4
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -1768.7
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2044.8
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -1923.5
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1850.9
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -1984.2
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1653.7
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1778.9
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1977.2
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2065.4
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1825.6
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1716.5
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -2045.9
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -1057.7
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -237.66
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -529.09
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1039.5
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2198.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2502.1
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2351.6
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2909.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2838.1
0.00000E+00   0.00000E+00   0.00000E+00
```

```
602        0        0   0.00000E+00   0.00000E+00   -2604.7
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2210.3
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2316.4
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2535.5
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2199.9
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2999.5
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -3005.8
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2359.2
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2198.0
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2584.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2269.2
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2274.3
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3039.8
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -3003.3
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2245.2
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2433.6
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -2383.4
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2234.8
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -2513.2
0.00000E+00   0.00000E+00   0.00000E+00
623        0        0   0.00000E+00   0.00000E+00   -2890.9
0.00000E+00   0.00000E+00   0.00000E+00
624        0        0   0.00000E+00   0.00000E+00   -3540.9
0.00000E+00   0.00000E+00   0.00000E+00
625        0        0   0.00000E+00   0.00000E+00   -2998.6
0.00000E+00   0.00000E+00   0.00000E+00
626        0        0   0.00000E+00   0.00000E+00   -2556.0
0.00000E+00   0.00000E+00   0.00000E+00
627        0        0   0.00000E+00   0.00000E+00   -2486.9
0.00000E+00   0.00000E+00   0.00000E+00
628        0        0   0.00000E+00   0.00000E+00   -2489.1
0.00000E+00   0.00000E+00   0.00000E+00
629        0        0   0.00000E+00   0.00000E+00   -2553.8
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -36571.
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -62061.
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -36409.
0.00000E+00   0.00000E+00   0.00000E+00
633        0        0   0.00000E+00   0.00000E+00   -6786.7
0.00000E+00   0.00000E+00   0.00000E+00
634        0        0   0.00000E+00   0.00000E+00   -2324.1
0.00000E+00   0.00000E+00   0.00000E+00
635        0        0   0.00000E+00   0.00000E+00   -2594.1
0.00000E+00   0.00000E+00   0.00000E+00
636        0        0   0.00000E+00   0.00000E+00   -2448.8
0.00000E+00   0.00000E+00   0.00000E+00
637        0        0   0.00000E+00   0.00000E+00   -2421.8
0.00000E+00   0.00000E+00   0.00000E+00
638        0        0   0.00000E+00   0.00000E+00   -2466.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
639        0        0   0.00000E+00   0.00000E+00   -2236.5
0.00000E+00   0.00000E+00   0.00000E+00
640        0        0   0.00000E+00   0.00000E+00   -2112.8
0.00000E+00   0.00000E+00   0.00000E+00
641        0        0   0.00000E+00   0.00000E+00   -2273.7
0.00000E+00   0.00000E+00   0.00000E+00
642        0        0   0.00000E+00   0.00000E+00   -2534.4
0.00000E+00   0.00000E+00   0.00000E+00
643        0        0   0.00000E+00   0.00000E+00   -2638.6
0.00000E+00   0.00000E+00   0.00000E+00
644        0        0   0.00000E+00   0.00000E+00   -2307.5
0.00000E+00   0.00000E+00   0.00000E+00
645        0        0   0.00000E+00   0.00000E+00   -2257.3
0.00000E+00   0.00000E+00   0.00000E+00
646        0        0   0.00000E+00   0.00000E+00   -2566.6
0.00000E+00   0.00000E+00   0.00000E+00
647        0        0   0.00000E+00   0.00000E+00   -1536.8
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -544.94
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -336.10
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -964.92
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2148.1
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2108.8
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1939.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2201.0
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -2074.0
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2555.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3114.2
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2484.5
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2285.7
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1989.0
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -1940.0
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -2327.4
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -1946.9
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2597.6
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3114.2
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2519.9
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2257.5
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -1939.3
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -2060.1
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2214.9
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -1939.7
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2639.9
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3114.2
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2604.1
0.00000E+00   0.00000E+00   0.00000E+00
```

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675        0        0   0.00000E+00   0.00000E+00   -2130.6
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1940.6
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -2185.2
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -2088.5
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1941.0
0.00000E+00   0.00000E+00   0.00000E+00
680        0        0   0.00000E+00   0.00000E+00   -2681.2
0.00000E+00   0.00000E+00   0.00000E+00
681        0        0   0.00000E+00   0.00000E+00   -3114.2
0.00000E+00   0.00000E+00   0.00000E+00
682        0        0   0.00000E+00   0.00000E+00   -2762.8
0.00000E+00   0.00000E+00   0.00000E+00
683        0        0   0.00000E+00   0.00000E+00   -2069.3
0.00000E+00   0.00000E+00   0.00000E+00
684        0        0   0.00000E+00   0.00000E+00   -2257.1
0.00000E+00   0.00000E+00   0.00000E+00
685        0        0   0.00000E+00   0.00000E+00   -2219.7
0.00000E+00   0.00000E+00   0.00000E+00
686        0        0   0.00000E+00   0.00000E+00   -2106.7
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -2632.7
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -41315.
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -71831.
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -10470.
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -2238.6
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2211.5
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2115.0
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -2300.9
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1940.8
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2095.5
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1848.8
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1992.3
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2243.9
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2308.1
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1939.9
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2179.8
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2095.0
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1935.7
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2212.5
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1364.6
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.6
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.1
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3774.1
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4474.2
```

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0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.1
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.1
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6090.8
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5079.6
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4181.4
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3811.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4291.7
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4039.4
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3957.8
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -5151.2
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -6090.8
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -5040.5
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3999.1
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4288.8
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -3854.6
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -4145.5
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4113.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5012.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6090.8
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -4933.4
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4417.8
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3772.7
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -2361.2
0.00000E+00   0.00000E+00   0.00000E+00
735        0        0   0.00000E+00   0.00000E+00   -3429.6
0.00000E+00   0.00000E+00   0.00000E+00
736        0        0   0.00000E+00   0.00000E+00   -4015.1
0.00000E+00   0.00000E+00   0.00000E+00
737        0        0   0.00000E+00   0.00000E+00   -5072.6
0.00000E+00   0.00000E+00   0.00000E+00
738        0        0   0.00000E+00   0.00000E+00   -6093.2
0.00000E+00   0.00000E+00   0.00000E+00
739        0        0   0.00000E+00   0.00000E+00   -5169.8
0.00000E+00   0.00000E+00   0.00000E+00
740        0        0   0.00000E+00   0.00000E+00   -4455.6
0.00000E+00   0.00000E+00   0.00000E+00
741        0        0   0.00000E+00   0.00000E+00   -4088.1
0.00000E+00   0.00000E+00   0.00000E+00
742        0        0   0.00000E+00   0.00000E+00   -4604.3
0.00000E+00   0.00000E+00   0.00000E+00
743        0        0   0.00000E+00   0.00000E+00   -4038.4
0.00000E+00   0.00000E+00   0.00000E+00
744        0        0   0.00000E+00   0.00000E+00   -4555.1
0.00000E+00   0.00000E+00   0.00000E+00
745        0        0   0.00000E+00   0.00000E+00   -87427.
0.00000E+00   0.00000E+00   0.00000E+00
746        0        0   0.00000E+00   0.00000E+00  -0.15284E+06
0.00000E+00   0.00000E+00   0.00000E+00
747        0        0   0.00000E+00   0.00000E+00   -22261.
0.00000E+00   0.00000E+00   0.00000E+00
```

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748        0        0   0.00000E+00   0.00000E+00   -4133.0
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -4570.4
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -3990.1
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -4550.9
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -3861.1
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3924.5
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3738.3
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3955.2
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4276.0
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4602.7
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3785.6
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -4195.8
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4159.7
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3785.6
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4331.4
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2694.0
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3777.1
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8635.2
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8092.4
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7558.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -9169.0
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12231.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -10440.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8083.4
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7567.7
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -9160.0
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -8110.5
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10422.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -12231.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -10246.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7576.8
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -9150.9
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -8119.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
785       0       0   0.00000E+00   0.00000E+00   -8608.1
0.00000E+00   0.00000E+00   0.00000E+00
786       0       0   0.00000E+00   0.00000E+00   -9901.8
0.00000E+00   0.00000E+00   0.00000E+00
787       0       0   0.00000E+00   0.00000E+00   -12231.
0.00000E+00   0.00000E+00   0.00000E+00
788       0       0   0.00000E+00   0.00000E+00   -9734.4
0.00000E+00   0.00000E+00   0.00000E+00
789       0       0   0.00000E+00   0.00000E+00   -9141.9
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -2664.3
0.00000E+00   0.00000E+00   0.00000E+00
792       0       0   0.00000E+00   0.00000E+00   -6174.3
0.00000E+00   0.00000E+00   0.00000E+00
793       0       0   0.00000E+00   0.00000E+00   -8304.1
0.00000E+00   0.00000E+00   0.00000E+00
794       0       0   0.00000E+00   0.00000E+00   -9998.9
0.00000E+00   0.00000E+00   0.00000E+00
795       0       0   0.00000E+00   0.00000E+00   -12239.
0.00000E+00   0.00000E+00   0.00000E+00
796       0       0   0.00000E+00   0.00000E+00   -10126.
0.00000E+00   0.00000E+00   0.00000E+00
797       0       0   0.00000E+00   0.00000E+00   -9393.5
0.00000E+00   0.00000E+00   0.00000E+00
798       0       0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
799       0       0   0.00000E+00   0.00000E+00   -9531.4
0.00000E+00   0.00000E+00   0.00000E+00
800       0       0   0.00000E+00   0.00000E+00   -8022.6
0.00000E+00   0.00000E+00   0.00000E+00
801       0       0   0.00000E+00   0.00000E+00   -9057.2
0.00000E+00   0.00000E+00   0.00000E+00
802       0       0   0.00000E+00   0.00000E+00   -65877.
0.00000E+00   0.00000E+00   0.00000E+00
803       0       0   0.00000E+00   0.00000E+00  -0.11090E+06
0.00000E+00   0.00000E+00   0.00000E+00
804       0       0   0.00000E+00   0.00000E+00   -20998.
0.00000E+00   0.00000E+00   0.00000E+00
805       0       0   0.00000E+00   0.00000E+00   -8030.8
0.00000E+00   0.00000E+00   0.00000E+00
806       0       0   0.00000E+00   0.00000E+00   -9445.2
0.00000E+00   0.00000E+00   0.00000E+00
807       0       0   0.00000E+00   0.00000E+00   -7854.5
0.00000E+00   0.00000E+00   0.00000E+00
808       0       0   0.00000E+00   0.00000E+00   -9191.9
0.00000E+00   0.00000E+00   0.00000E+00
809       0       0   0.00000E+00   0.00000E+00   -7827.8
0.00000E+00   0.00000E+00   0.00000E+00
810       0       0   0.00000E+00   0.00000E+00   -7690.4
0.00000E+00   0.00000E+00   0.00000E+00
811       0       0   0.00000E+00   0.00000E+00   -7640.0
0.00000E+00   0.00000E+00   0.00000E+00
812       0       0   0.00000E+00   0.00000E+00   -8006.4
0.00000E+00   0.00000E+00   0.00000E+00
813       0       0   0.00000E+00   0.00000E+00   -8464.5
0.00000E+00   0.00000E+00   0.00000E+00
814       0       0   0.00000E+00   0.00000E+00   -9339.3
0.00000E+00   0.00000E+00   0.00000E+00
815       0       0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
816       0       0   0.00000E+00   0.00000E+00   -8349.9
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -8423.2
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -7594.2
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -8679.7
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -5423.1
0.00000E+00   0.00000E+00   0.00000E+00
```

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821        0        0   0.00000E+00   0.00000E+00   -1666.0
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3808.8
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3569.4
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3334.0
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -4044.2
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4523.1
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5395.0
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4604.9
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3565.4
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3337.9
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -4040.2
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3577.4
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -4596.9
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00   -5395.0
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -4519.1
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3341.9
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -4036.3
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3581.4
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -3796.8
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -4367.5
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -5395.0
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -4293.6
0.00000E+00   0.00000E+00   0.00000E+00
846        0        0   0.00000E+00   0.00000E+00   -4032.3
0.00000E+00   0.00000E+00   0.00000E+00
847        0        0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
848        0        0   0.00000E+00   0.00000E+00   -1175.2
0.00000E+00   0.00000E+00   0.00000E+00
849        0        0   0.00000E+00   0.00000E+00   -2723.3
0.00000E+00   0.00000E+00   0.00000E+00
850        0        0   0.00000E+00   0.00000E+00   -3662.8
0.00000E+00   0.00000E+00   0.00000E+00
851        0        0   0.00000E+00   0.00000E+00   -4410.3
0.00000E+00   0.00000E+00   0.00000E+00
852        0        0   0.00000E+00   0.00000E+00   -5398.2
0.00000E+00   0.00000E+00   0.00000E+00
853        0        0   0.00000E+00   0.00000E+00   -4466.5
0.00000E+00   0.00000E+00   0.00000E+00
854        0        0   0.00000E+00   0.00000E+00   -4143.2
0.00000E+00   0.00000E+00   0.00000E+00
855        0        0   0.00000E+00   0.00000E+00   -3464.4
0.00000E+00   0.00000E+00   0.00000E+00
856        0        0   0.00000E+00   0.00000E+00   -4204.1
0.00000E+00   0.00000E+00   0.00000E+00
857        0        0   0.00000E+00   0.00000E+00   -3538.6
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 858 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3994.9 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 859 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -55383. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 860 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -95824. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 861 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -15006. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 862 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3542.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 863 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4166.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 864 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3464.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 865 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4054.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 866 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3452.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 867 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3392.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 868 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3369.8 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3531.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3733.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4119.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3683.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3715.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3828.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2392.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 391
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 693

CDM_TRsx - My (My) @ 46 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | | |
| FORCE | FORCE | FORCE | | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | | |
| MX | MY | MZ | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -121.72 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -295.33 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -302.44 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -269.95 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -374.86 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -441.30 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -379.39
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -269.95
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -295.65
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -302.12
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -269.95
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -315.05
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -355.62
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -437.09
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -7022.8
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -9319.4
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1019.6
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -269.95
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -315.37
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -282.40
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -505.75
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1441.6
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -1286.3
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1129.6
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1014.8
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1028.1
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1142.6
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -820.40
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -960.52
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1148.0
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -989.41
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -813.40
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -789.87
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -856.09
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -872.33
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -1232.0
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1042.5
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -1261.7
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -994.81
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1160.9
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1089.7
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1134.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
523       0       0   0.00000E+00   0.00000E+00   -1104.4
0.00000E+00   0.00000E+00   0.00000E+00
524       0       0   0.00000E+00   0.00000E+00   -1027.6
0.00000E+00   0.00000E+00   0.00000E+00
525       0       0   0.00000E+00   0.00000E+00   -1082.2
0.00000E+00   0.00000E+00   0.00000E+00
526       0       0   0.00000E+00   0.00000E+00   -915.77
0.00000E+00   0.00000E+00   0.00000E+00
527       0       0   0.00000E+00   0.00000E+00   -711.84
0.00000E+00   0.00000E+00   0.00000E+00
528       0       0   0.00000E+00   0.00000E+00   -307.62
0.00000E+00   0.00000E+00   0.00000E+00
529       0       0   0.00000E+00   0.00000E+00   -339.13
0.00000E+00   0.00000E+00   0.00000E+00
530     531       1   0.00000E+00   0.00000E+00   -265.96
0.00000E+00   0.00000E+00   0.00000E+00
532       0       0   0.00000E+00   0.00000E+00   -17.624
0.00000E+00   0.00000E+00   0.00000E+00
538       0       0   0.00000E+00   0.00000E+00   -770.27
0.00000E+00   0.00000E+00   0.00000E+00
539       0       0   0.00000E+00   0.00000E+00   -1868.9
0.00000E+00   0.00000E+00   0.00000E+00
540       0       0   0.00000E+00   0.00000E+00   -1913.9
0.00000E+00   0.00000E+00   0.00000E+00
541       0       0   0.00000E+00   0.00000E+00   -1708.3
0.00000E+00   0.00000E+00   0.00000E+00
542       0       0   0.00000E+00   0.00000E+00   -2372.2
0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -2792.6
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -2400.8
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -1708.3
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -1871.0
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -1911.9
0.00000E+00   0.00000E+00   0.00000E+00
548       0       0   0.00000E+00   0.00000E+00   -1708.3
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -1993.7
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -2250.5
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -2766.0
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -26067.
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -34100.
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -4473.3
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -1708.3
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -1995.8
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -1787.1
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -2336.3
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -3073.5
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -2589.9
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -2161.3
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -1936.3
0.00000E+00   0.00000E+00   0.00000E+00
563       0       0   0.00000E+00   0.00000E+00   -2215.9
0.00000E+00   0.00000E+00   0.00000E+00
564       0       0   0.00000E+00   0.00000E+00   -2048.5
0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -904.33
```

```
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -294.04
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.43
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -302.88
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -249.00
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -241.80
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -262.07
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -1020.8
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -2384.0
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -2086.9
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2453.9
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1932.5
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -2374.7
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2013.6
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2408.8
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1974.3
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -2215.3
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -2000.5
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1814.4
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -1928.9
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -1946.7
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2146.1
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1683.1
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -1683.1
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -111.53
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1277.6
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2347.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2492.6
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2185.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -3020.2
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3565.4
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -3060.5
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2218.5
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2349.6
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2489.9
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       605        0        0   0.00000E+00   0.00000E+00   -2185.5
0.00000E+00   0.00000E+00   0.00000E+00
       606        0        0   0.00000E+00   0.00000E+00   -2506.6
0.00000E+00   0.00000E+00   0.00000E+00
       607        0        0   0.00000E+00   0.00000E+00   -2908.4
0.00000E+00   0.00000E+00   0.00000E+00
       608        0        0   0.00000E+00   0.00000E+00   -22146.
0.00000E+00   0.00000E+00   0.00000E+00
       609        0        0   0.00000E+00   0.00000E+00   -71792.
0.00000E+00   0.00000E+00   0.00000E+00
       610        0        0   0.00000E+00   0.00000E+00   -43287.
0.00000E+00   0.00000E+00   0.00000E+00
       611        0        0   0.00000E+00   0.00000E+00   -5743.5
0.00000E+00   0.00000E+00   0.00000E+00
       612        0        0   0.00000E+00   0.00000E+00   -2185.5
0.00000E+00   0.00000E+00   0.00000E+00
       613        0        0   0.00000E+00   0.00000E+00   -2509.3
0.00000E+00   0.00000E+00   0.00000E+00
       614        0        0   0.00000E+00   0.00000E+00   -2330.3
0.00000E+00   0.00000E+00   0.00000E+00
       615        0        0   0.00000E+00   0.00000E+00   -2918.1
0.00000E+00   0.00000E+00   0.00000E+00
       616        0        0   0.00000E+00   0.00000E+00   -3538.7
0.00000E+00   0.00000E+00   0.00000E+00
       617        0        0   0.00000E+00   0.00000E+00   -2923.1
0.00000E+00   0.00000E+00   0.00000E+00
       618        0        0   0.00000E+00   0.00000E+00   -2484.7
0.00000E+00   0.00000E+00   0.00000E+00
       619        0        0   0.00000E+00   0.00000E+00   -2185.5
0.00000E+00   0.00000E+00   0.00000E+00
       620        0        0   0.00000E+00   0.00000E+00   -2171.2
0.00000E+00   0.00000E+00   0.00000E+00
       621        0        0   0.00000E+00   0.00000E+00   -1791.5
0.00000E+00   0.00000E+00   0.00000E+00
       622        0        0   0.00000E+00   0.00000E+00   -688.88
0.00000E+00   0.00000E+00   0.00000E+00
       629        0        0   0.00000E+00   0.00000E+00   -794.90
0.00000E+00   0.00000E+00   0.00000E+00
       630        0        0   0.00000E+00   0.00000E+00   -2116.5
0.00000E+00   0.00000E+00   0.00000E+00
       631        0        0   0.00000E+00   0.00000E+00   -1864.3
0.00000E+00   0.00000E+00   0.00000E+00
       632        0        0   0.00000E+00   0.00000E+00   -2180.7
0.00000E+00   0.00000E+00   0.00000E+00
       633        0        0   0.00000E+00   0.00000E+00   -1716.9
0.00000E+00   0.00000E+00   0.00000E+00
       634        0        0   0.00000E+00   0.00000E+00   -2307.4
0.00000E+00   0.00000E+00   0.00000E+00
       635        0        0   0.00000E+00   0.00000E+00   -2302.2
0.00000E+00   0.00000E+00   0.00000E+00
       636        0        0   0.00000E+00   0.00000E+00   -2732.3
0.00000E+00   0.00000E+00   0.00000E+00
       637        0        0   0.00000E+00   0.00000E+00   -2213.9
0.00000E+00   0.00000E+00   0.00000E+00
       638        0        0   0.00000E+00   0.00000E+00   -2568.2
0.00000E+00   0.00000E+00   0.00000E+00
       639        0        0   0.00000E+00   0.00000E+00   -2230.3
0.00000E+00   0.00000E+00   0.00000E+00
       640        0        0   0.00000E+00   0.00000E+00   -2069.8
0.00000E+00   0.00000E+00   0.00000E+00
       641        0        0   0.00000E+00   0.00000E+00   -2297.4
0.00000E+00   0.00000E+00   0.00000E+00
       642        0        0   0.00000E+00   0.00000E+00   -2492.6
0.00000E+00   0.00000E+00   0.00000E+00
       643        0        0   0.00000E+00   0.00000E+00   -2738.8
0.00000E+00   0.00000E+00   0.00000E+00
       644        0        0   0.00000E+00   0.00000E+00   -2173.9
0.00000E+00   0.00000E+00   0.00000E+00
       645        0        0   0.00000E+00   0.00000E+00   -2183.7
0.00000E+00   0.00000E+00   0.00000E+00
       646        0        0   0.00000E+00   0.00000E+00   -659.07
0.00000E+00   0.00000E+00   0.00000E+00
       647        0        0   0.00000E+00   0.00000E+00   -469.92
```

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 0.00000E+00   0.00000E+00   0.00000E+00
 648        0        0   0.00000E+00   0.00000E+00   -534.00
 0.00000E+00   0.00000E+00   0.00000E+00
 649        0        0   0.00000E+00   0.00000E+00   -341.76
 0.00000E+00   0.00000E+00   0.00000E+00
 650        0        0   0.00000E+00   0.00000E+00   -956.16
 0.00000E+00   0.00000E+00   0.00000E+00
 651        0        0   0.00000E+00   0.00000E+00   -2186.0
 0.00000E+00   0.00000E+00   0.00000E+00
 652        0        0   0.00000E+00   0.00000E+00   -2052.8
 0.00000E+00   0.00000E+00   0.00000E+00
 653        0        0   0.00000E+00   0.00000E+00   -1923.8
 0.00000E+00   0.00000E+00   0.00000E+00
 654        0        0   0.00000E+00   0.00000E+00   -2331.7
 0.00000E+00   0.00000E+00   0.00000E+00
 655        0        0   0.00000E+00   0.00000E+00   -1921.7
 0.00000E+00   0.00000E+00   0.00000E+00
 656        0        0   0.00000E+00   0.00000E+00   -2609.0
 0.00000E+00   0.00000E+00   0.00000E+00
 657        0        0   0.00000E+00   0.00000E+00   -3111.8
 0.00000E+00   0.00000E+00   0.00000E+00
 658        0        0   0.00000E+00   0.00000E+00   -2656.1
 0.00000E+00   0.00000E+00   0.00000E+00
 659        0        0   0.00000E+00   0.00000E+00   -2055.7
 0.00000E+00   0.00000E+00   0.00000E+00
 660        0        0   0.00000E+00   0.00000E+00   -1926.1
 0.00000E+00   0.00000E+00   0.00000E+00
 661        0        0   0.00000E+00   0.00000E+00   -2329.4
 0.00000E+00   0.00000E+00   0.00000E+00
 662        0        0   0.00000E+00   0.00000E+00   -1921.7
 0.00000E+00   0.00000E+00   0.00000E+00
 663        0        0   0.00000E+00   0.00000E+00   -2064.2
 0.00000E+00   0.00000E+00   0.00000E+00
 664        0        0   0.00000E+00   0.00000E+00   -2650.7
 0.00000E+00   0.00000E+00   0.00000E+00
 665        0        0   0.00000E+00   0.00000E+00   -41070.
 0.00000E+00   0.00000E+00   0.00000E+00
 666        0        0   0.00000E+00   0.00000E+00   -81675.
 0.00000E+00   0.00000E+00   0.00000E+00
 667        0        0   0.00000E+00   0.00000E+00   -2243.3
 0.00000E+00   0.00000E+00   0.00000E+00
 668        0        0   0.00000E+00   0.00000E+00   -2352.1
 0.00000E+00   0.00000E+00   0.00000E+00
 669        0        0   0.00000E+00   0.00000E+00   -1921.7
 0.00000E+00   0.00000E+00   0.00000E+00
 670        0        0   0.00000E+00   0.00000E+00   -2066.5
 0.00000E+00   0.00000E+00   0.00000E+00
 671        0        0   0.00000E+00   0.00000E+00   -2189.0
 0.00000E+00   0.00000E+00   0.00000E+00
 672        0        0   0.00000E+00   0.00000E+00   -2519.3
 0.00000E+00   0.00000E+00   0.00000E+00
 673        0        0   0.00000E+00   0.00000E+00   -3111.6
 0.00000E+00   0.00000E+00   0.00000E+00
 674        0        0   0.00000E+00   0.00000E+00   -2477.0
 0.00000E+00   0.00000E+00   0.00000E+00
 675        0        0   0.00000E+00   0.00000E+00   -2324.8
 0.00000E+00   0.00000E+00   0.00000E+00
 676        0        0   0.00000E+00   0.00000E+00   -1921.7
 0.00000E+00   0.00000E+00   0.00000E+00
 677        0        0   0.00000E+00   0.00000E+00   -685.48
 0.00000E+00   0.00000E+00   0.00000E+00
 678        0        0   0.00000E+00   0.00000E+00   -9.8434
 0.00000E+00   0.00000E+00   0.00000E+00
 679        0        0   0.00000E+00   0.00000E+00   -3.7850
 0.00000E+00   0.00000E+00   0.00000E+00
 686        0        0   0.00000E+00   0.00000E+00   -4.3676
 0.00000E+00   0.00000E+00   0.00000E+00
 687        0        0   0.00000E+00   0.00000E+00   -11.629
 0.00000E+00   0.00000E+00   0.00000E+00
 688        0        0   0.00000E+00   0.00000E+00   -10.244
 0.00000E+00   0.00000E+00   0.00000E+00
 689        0        0   0.00000E+00   0.00000E+00   -11.982
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
690        0        0   0.00000E+00   0.00000E+00   -9.4336
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -733.72
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -2163.2
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -2278.5
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -1991.9
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -2299.1
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -1917.5
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1843.4
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -2011.2
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2198.8
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2386.7
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -1977.2
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -2017.2
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2222.0
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1907.9
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2168.0
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1387.5
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -5206.6
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.10268E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.15826E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
```

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0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
748        0        0   0.00000E+00   0.00000E+00   -497.95
0.00000E+00   0.00000E+00   0.00000E+00
749        0        0   0.00000E+00   0.00000E+00   -3154.4
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -4501.0
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -3854.1
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -4538.8
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -3749.9
0.00000E+00   0.00000E+00   0.00000E+00
754        0        0   0.00000E+00   0.00000E+00   -3595.1
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3923.4
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4326.0
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -4645.2
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -3889.5
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -3934.9
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4379.7
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3749.9
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4259.6
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2730.4
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
```

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776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -10479.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00   -89480.
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00  -0.10505E+06
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
806        0        0   0.00000E+00   0.00000E+00   -5164.0
0.00000E+00   0.00000E+00   0.00000E+00
807        0        0   0.00000E+00   0.00000E+00   -9089.0
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -7694.0
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -9159.9
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -7530.5
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7208.3
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -7868.0
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -8715.0
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -9304.2
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -7834.3
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -7889.5
0.00000E+00   0.00000E+00   0.00000E+00
817        0        0   0.00000E+00   0.00000E+00   -8810.1
0.00000E+00   0.00000E+00   0.00000E+00
818        0        0   0.00000E+00   0.00000E+00   -7530.5
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -8552.3
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -5486.8
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3475.2
```

```
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -4396.3
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -3876.8
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -3669.8
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -3727.8
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -4621.9
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00   -75007.
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -89772.
0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -3429.7
0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -3417.3
0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00   -3980.3
0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -3566.3
0.00000E+00   0.00000E+00   0.00000E+00
843       0       0   0.00000E+00   0.00000E+00   -4603.3
0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -4576.4
0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -184.21
0.00000E+00   0.00000E+00   0.00000E+00
863       0       0   0.00000E+00   0.00000E+00   -2277.7
0.00000E+00   0.00000E+00   0.00000E+00
864       0       0   0.00000E+00   0.00000E+00   -4009.0
0.00000E+00   0.00000E+00   0.00000E+00
865       0       0   0.00000E+00   0.00000E+00   -3393.7
0.00000E+00   0.00000E+00   0.00000E+00
866       0       0   0.00000E+00   0.00000E+00   -4040.2
0.00000E+00   0.00000E+00   0.00000E+00
867       0       0   0.00000E+00   0.00000E+00   -3321.5
0.00000E+00   0.00000E+00   0.00000E+00
868       0       0   0.00000E+00   0.00000E+00   -3179.4
0.00000E+00   0.00000E+00   0.00000E+00
869       0       0   0.00000E+00   0.00000E+00   -3470.4
0.00000E+00   0.00000E+00   0.00000E+00
870       0       0   0.00000E+00   0.00000E+00   -3844.0
0.00000E+00   0.00000E+00   0.00000E+00
871       0       0   0.00000E+00   0.00000E+00   -4103.9
0.00000E+00   0.00000E+00   0.00000E+00
872       0       0   0.00000E+00   0.00000E+00   -3455.5
0.00000E+00   0.00000E+00   0.00000E+00
873       0       0   0.00000E+00   0.00000E+00   -3479.9
0.00000E+00   0.00000E+00   0.00000E+00
874       0       0   0.00000E+00   0.00000E+00   -3885.9
0.00000E+00   0.00000E+00   0.00000E+00
875       0       0   0.00000E+00   0.00000E+00   -3321.5
0.00000E+00   0.00000E+00   0.00000E+00
876       0       0   0.00000E+00   0.00000E+00   -3772.2
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2420.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 336
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 694

CDM_TRsx - My (My) @ 46 (+X) - Positive - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
|---|---|---|---|---|---|---|
| MX | MY | MZ | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -81.982 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -311.01 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -287.59 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -360.46 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.24 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -356.56 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -313.62 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -300.60 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -298.00 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -376.08 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -439.84 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5508.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9294.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2546.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -308.41 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -305.81 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1076.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1326.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1062.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1031.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

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506        0        0   0.00000E+00   0.00000E+00   -1093.4
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1045.9
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -933.46
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -1003.2
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1152.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1013.8
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -736.63
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -889.51
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -756.93
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -845.59
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -841.81
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -1113.6
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -1170.4
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -1026.2
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -1199.7
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -1025.1
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -1221.6
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -1021.6
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -1066.9
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -1097.6
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -891.75
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -955.03
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -500.86
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -333.71
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -264.79
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -68.917
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -518.80
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1968.2
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1819.9
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2281.1
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2256.4
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1984.6
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1902.3
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1885.8
```

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0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2379.9
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2783.4
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -20723.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -33939.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -9893.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1951.7
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1935.2
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2508.2
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3118.4
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2592.4
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2010.0
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2235.6
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1964.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -2099.1
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1618.0
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -307.10
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -352.79
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -310.35
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -225.50
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -272.30
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -231.71
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -258.85
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -504.40
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -2016.4
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -2375.8
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -1998.1
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -2319.4
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -2051.0
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -2388.7
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -1981.8
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -2205.1
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -2018.0
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -1802.0
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -2010.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
585        0        0   0.00000E+00   0.00000E+00   -2017.3
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -2111.8
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -1675.6
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -436.13
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1025.3
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2190.4
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2547.0
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2297.5
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2928.7
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2915.5
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2495.8
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2190.9
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2480.3
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2363.7
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2224.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3038.4
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22163.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -64964.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43127.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -12647.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2429.8
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2225.3
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2479.0
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2915.0
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2912.8
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2346.9
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2495.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1885.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1876.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -1405.0
0.00000E+00   0.00000E+00   0.00000E+00
630        0        0   0.00000E+00   0.00000E+00   -260.18
0.00000E+00   0.00000E+00   0.00000E+00
631        0        0   0.00000E+00   0.00000E+00   -1767.1
0.00000E+00   0.00000E+00   0.00000E+00
632        0        0   0.00000E+00   0.00000E+00   -2127.8
```

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0.00000E+00   0.00000E+00   0.00000E+00
633       0       0   0.00000E+00   0.00000E+00   -1775.9
0.00000E+00   0.00000E+00   0.00000E+00
634       0       0   0.00000E+00   0.00000E+00   -2058.8
0.00000E+00   0.00000E+00   0.00000E+00
635       0       0   0.00000E+00   0.00000E+00   -1832.1
0.00000E+00   0.00000E+00   0.00000E+00
636       0       0   0.00000E+00   0.00000E+00   -2133.5
0.00000E+00   0.00000E+00   0.00000E+00
637       0       0   0.00000E+00   0.00000E+00   -2223.3
0.00000E+00   0.00000E+00   0.00000E+00
638       0       0   0.00000E+00   0.00000E+00   -2443.7
0.00000E+00   0.00000E+00   0.00000E+00
639       0       0   0.00000E+00   0.00000E+00   -2319.6
0.00000E+00   0.00000E+00   0.00000E+00
640       0       0   0.00000E+00   0.00000E+00   -2044.2
0.00000E+00   0.00000E+00   0.00000E+00
641       0       0   0.00000E+00   0.00000E+00   -2262.0
0.00000E+00   0.00000E+00   0.00000E+00
642       0       0   0.00000E+00   0.00000E+00   -2585.7
0.00000E+00   0.00000E+00   0.00000E+00
643       0       0   0.00000E+00   0.00000E+00   -2616.0
0.00000E+00   0.00000E+00   0.00000E+00
644       0       0   0.00000E+00   0.00000E+00   -2234.8
0.00000E+00   0.00000E+00   0.00000E+00
645       0       0   0.00000E+00   0.00000E+00   -900.17
0.00000E+00   0.00000E+00   0.00000E+00
646       0       0   0.00000E+00   0.00000E+00   -553.11
0.00000E+00   0.00000E+00   0.00000E+00
647       0       0   0.00000E+00   0.00000E+00   -479.11
0.00000E+00   0.00000E+00   0.00000E+00
648       0       0   0.00000E+00   0.00000E+00   -519.81
0.00000E+00   0.00000E+00   0.00000E+00
649       0       0   0.00000E+00   0.00000E+00   -347.77
0.00000E+00   0.00000E+00   0.00000E+00
650       0       0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651       0       0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
652       0       0   0.00000E+00   0.00000E+00   -2051.4
0.00000E+00   0.00000E+00   0.00000E+00
653       0       0   0.00000E+00   0.00000E+00   -1922.9
0.00000E+00   0.00000E+00   0.00000E+00
654       0       0   0.00000E+00   0.00000E+00   -2332.0
0.00000E+00   0.00000E+00   0.00000E+00
655       0       0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
656       0       0   0.00000E+00   0.00000E+00   -2608.5
0.00000E+00   0.00000E+00   0.00000E+00
657       0       0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658       0       0   0.00000E+00   0.00000E+00   -2655.3
0.00000E+00   0.00000E+00   0.00000E+00
659       0       0   0.00000E+00   0.00000E+00   -2057.2
0.00000E+00   0.00000E+00   0.00000E+00
660       0       0   0.00000E+00   0.00000E+00   -1925.2
0.00000E+00   0.00000E+00   0.00000E+00
661       0       0   0.00000E+00   0.00000E+00   -2329.3
0.00000E+00   0.00000E+00   0.00000E+00
662       0       0   0.00000E+00   0.00000E+00   -1922.7
0.00000E+00   0.00000E+00   0.00000E+00
663       0       0   0.00000E+00   0.00000E+00   -2062.6
0.00000E+00   0.00000E+00   0.00000E+00
664       0       0   0.00000E+00   0.00000E+00   -2651.4
0.00000E+00   0.00000E+00   0.00000E+00
665       0       0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666       0       0   0.00000E+00   0.00000E+00   -81622.
0.00000E+00   0.00000E+00   0.00000E+00
667       0       0   0.00000E+00   0.00000E+00   -2242.4
0.00000E+00   0.00000E+00   0.00000E+00
668       0       0   0.00000E+00   0.00000E+00   -2405.4
0.00000E+00   0.00000E+00   0.00000E+00
```

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669        0        0   0.00000E+00   0.00000E+00   -1923.1
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2064.9
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.8
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.3
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.9
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2324.0
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1923.4
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -683.91
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -10.308
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -7.7199
0.00000E+00   0.00000E+00   0.00000E+00
687        0        0   0.00000E+00   0.00000E+00   -1.4296
0.00000E+00   0.00000E+00   0.00000E+00
688        0        0   0.00000E+00   0.00000E+00   -9.7092
0.00000E+00   0.00000E+00   0.00000E+00
689        0        0   0.00000E+00   0.00000E+00   -11.691
0.00000E+00   0.00000E+00   0.00000E+00
690        0        0   0.00000E+00   0.00000E+00   -9.7580
0.00000E+00   0.00000E+00   0.00000E+00
691        0        0   0.00000E+00   0.00000E+00   -11.312
0.00000E+00   0.00000E+00   0.00000E+00
692        0        0   0.00000E+00   0.00000E+00   -10.067
0.00000E+00   0.00000E+00   0.00000E+00
693        0        0   0.00000E+00   0.00000E+00   -47.018
0.00000E+00   0.00000E+00   0.00000E+00
694        0        0   0.00000E+00   0.00000E+00   -1889.5
0.00000E+00   0.00000E+00   0.00000E+00
695        0        0   0.00000E+00   0.00000E+00   -1888.5
0.00000E+00   0.00000E+00   0.00000E+00
696        0        0   0.00000E+00   0.00000E+00   -2225.3
0.00000E+00   0.00000E+00   0.00000E+00
697        0        0   0.00000E+00   0.00000E+00   -1761.3
0.00000E+00   0.00000E+00   0.00000E+00
698        0        0   0.00000E+00   0.00000E+00   -1835.8
0.00000E+00   0.00000E+00   0.00000E+00
699        0        0   0.00000E+00   0.00000E+00   -2527.6
0.00000E+00   0.00000E+00   0.00000E+00
700        0        0   0.00000E+00   0.00000E+00   -2027.8
0.00000E+00   0.00000E+00   0.00000E+00
701        0        0   0.00000E+00   0.00000E+00   -2254.9
0.00000E+00   0.00000E+00   0.00000E+00
702        0        0   0.00000E+00   0.00000E+00   -1880.0
0.00000E+00   0.00000E+00   0.00000E+00
703        0        0   0.00000E+00   0.00000E+00   -2245.6
0.00000E+00   0.00000E+00   0.00000E+00
704        0        0   0.00000E+00   0.00000E+00   -1945.2
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -2110.4
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -1412.0
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
750        0        0   0.00000E+00   0.00000E+00   -24.375
0.00000E+00   0.00000E+00   0.00000E+00
751        0        0   0.00000E+00   0.00000E+00   -1805.3
0.00000E+00   0.00000E+00   0.00000E+00
752        0        0   0.00000E+00   0.00000E+00   -3687.4
0.00000E+00   0.00000E+00   0.00000E+00
753        0        0   0.00000E+00   0.00000E+00   -4274.3
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754        0        0   0.00000E+00   0.00000E+00   -3500.0
0.00000E+00   0.00000E+00   0.00000E+00
755        0        0   0.00000E+00   0.00000E+00   -3591.1
0.00000E+00   0.00000E+00   0.00000E+00
756        0        0   0.00000E+00   0.00000E+00   -4943.7
0.00000E+00   0.00000E+00   0.00000E+00
757        0        0   0.00000E+00   0.00000E+00   -3938.0
0.00000E+00   0.00000E+00   0.00000E+00
758        0        0   0.00000E+00   0.00000E+00   -4456.8
0.00000E+00   0.00000E+00   0.00000E+00
759        0        0   0.00000E+00   0.00000E+00   -3687.4
0.00000E+00   0.00000E+00   0.00000E+00
760        0        0   0.00000E+00   0.00000E+00   -4389.4
0.00000E+00   0.00000E+00   0.00000E+00
761        0        0   0.00000E+00   0.00000E+00   -3845.2
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -4141.2
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -2779.9
0.00000E+00   0.00000E+00   0.00000E+00
```

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764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -31935.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -40681.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
808        0        0   0.00000E+00   0.00000E+00   -1574.2
0.00000E+00   0.00000E+00   0.00000E+00
809        0        0   0.00000E+00   0.00000E+00   -7401.8
0.00000E+00   0.00000E+00   0.00000E+00
810        0        0   0.00000E+00   0.00000E+00   -8496.5
0.00000E+00   0.00000E+00   0.00000E+00
811        0        0   0.00000E+00   0.00000E+00   -7089.1
0.00000E+00   0.00000E+00   0.00000E+00
812        0        0   0.00000E+00   0.00000E+00   -7214.2
0.00000E+00   0.00000E+00   0.00000E+00
813        0        0   0.00000E+00   0.00000E+00   -9924.7
0.00000E+00   0.00000E+00   0.00000E+00
814        0        0   0.00000E+00   0.00000E+00   -7881.4
0.00000E+00   0.00000E+00   0.00000E+00
815        0        0   0.00000E+00   0.00000E+00   -8996.9
0.00000E+00   0.00000E+00   0.00000E+00
816        0        0   0.00000E+00   0.00000E+00   -7401.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
817       0       0   0.00000E+00   0.00000E+00   -8788.4
0.00000E+00   0.00000E+00   0.00000E+00
818       0       0   0.00000E+00   0.00000E+00   -7745.9
0.00000E+00   0.00000E+00   0.00000E+00
819       0       0   0.00000E+00   0.00000E+00   -8308.8
0.00000E+00   0.00000E+00   0.00000E+00
820       0       0   0.00000E+00   0.00000E+00   -5587.9
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -4396.3
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -3876.8
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -3669.8
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -3727.8
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -23958.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00  -0.11368E+06
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -31765.
0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -3429.7
0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -3417.3
0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00   -3980.3
0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -3566.3
0.00000E+00   0.00000E+00   0.00000E+00
843       0       0   0.00000E+00   0.00000E+00   -4603.3
0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -4576.4
0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -184.21
0.00000E+00   0.00000E+00   0.00000E+00
865       0       0   0.00000E+00   0.00000E+00   -694.34
0.00000E+00   0.00000E+00   0.00000E+00
866       0       0   0.00000E+00   0.00000E+00   -3264.8
0.00000E+00   0.00000E+00   0.00000E+00
867       0       0   0.00000E+00   0.00000E+00   -3747.6
0.00000E+00   0.00000E+00   0.00000E+00
868       0       0   0.00000E+00   0.00000E+00   -3126.8
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 869 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3182.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 870 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4377.6 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 871 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3476.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 872 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3968.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 873 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3264.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 874 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3876.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 875 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3416.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3664.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2464.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 326
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 695

CDM_TRsx - My (My) @ 52 - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | | |
| FORCE MX | FORCE MY | FORCE MZ | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -122.00 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -293.77 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -304.83 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.67 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -373.80 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.24 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -383.24 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -273.60 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -283.36 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -315.24 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -270.67 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -298.98 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -366.32 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.24 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5492.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9296.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2581.5 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

```
498        0        0   0.00000E+00   0.00000E+00   -416.22
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -997.15
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1063.3
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -1335.6
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1584.6
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -1313.2
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1028.4
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1134.4
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -991.71
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1075.2
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -963.05
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -926.55
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1147.4
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -950.90
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -878.73
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -732.39
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -908.13
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -732.39
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -878.73
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -774.82
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -888.66
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -747.70
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -811.06
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -820.59
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -790.52
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -829.82
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -708.58
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -821.47
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -650.36
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -697.69
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -899.33
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -777.92
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -771.77
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -582.20
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -772.03
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1859.1
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1929.0
```

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 0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1712.9
 0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2365.5
 0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.0
 0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2425.2
 0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1731.4
 0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1793.2
 0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1994.9
 0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1712.9
 0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1892.0
 0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2318.2
 0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -2767.0
 0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -20623.
 0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -33954.
 0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -10117.
 0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1757.4
 0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -2043.0
 0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2192.6
 0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2534.6
 0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3118.2
 0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2508.1
 0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2240.7
 0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2026.3
 0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1978.7
 0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -2258.9
 0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -1190.1
 0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -283.64
 0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.23
 0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -291.09
 0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -269.00
 0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -224.20
 0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -278.00
 0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -224.20
 0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -269.00
 0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -237.19
 0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -272.04
 0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -228.89
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
577        0        0   0.00000E+00   0.00000E+00   -248.28
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -251.20
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -242.00
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -254.03
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -216.91
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -251.47
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -199.09
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -213.58
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -275.31
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -238.14
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -236.26
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -178.22
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1279.4
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2337.1
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2507.7
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2190.1
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -3013.5
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -3084.9
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2241.7
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2271.5
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2573.3
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2190.1
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2404.5
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2976.4
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22146.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -64863.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43141.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -12873.
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2190.1
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2339.0
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2505.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2859.2
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2828.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2601.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2241.7
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1932.7
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -2035.2
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -944.25
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -7.9517
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -119.27
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2052.8
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1923.7
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2331.8
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2609.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2656.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2055.8
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1925.6
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2329.8
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2063.6
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2651.1
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81621.
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2242.5
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2406.6
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2065.5
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.9
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2518.9
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.5
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2325.4
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1922.0
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -684.17
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -11.182
0.00000E+00   0.00000E+00   0.00000E+00
```

```
679        0        0   0.00000E+00   0.00000E+00   -5.1882
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -32.284
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -484.26
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -434.48
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -1240.8
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -31935.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -40681.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
819        0        0   0.00000E+00   0.00000E+00   -1275.3
0.00000E+00   0.00000E+00   0.00000E+00
820        0        0   0.00000E+00   0.00000E+00   -2805.6
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4396.3
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3876.8
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3669.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3727.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23958. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11368E+06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -31765. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3429.7 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3417.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3980.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3566.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4603.3 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4576.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -184.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -562.50 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1237.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 256
LARGEST NODE OR ELEMENT NUMBER = 877

L O A D C A S E 696

CDM_TRsx - My (My) @ 58 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | |
| FORCE | FORCE | FORCE | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | |
| MX | MY | MZ | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -247.90 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -282.06 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -274.90 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.70 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -348.43 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.24 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

```
487        0        0   0.00000E+00   0.00000E+00   -354.28
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -306.13
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -292.47
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -270.67
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -321.75
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -276.85
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -367.02
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1301.2
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -8019.8
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -10038.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1758.0
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1114.2
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -998.76
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1075.9
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -1332.1
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1585.8
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -1330.4
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -997.95
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1146.1
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1009.2
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1033.7
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -878.08
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -927.92
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1147.9
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -938.06
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -901.36
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -735.77
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -876.70
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -768.55
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -835.79
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -825.47
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -828.28
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -808.01
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -746.92
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -891.27
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -735.77
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -859.68
```

```
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -735.61
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -723.11
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -715.67
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -748.21
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -799.42
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -869.97
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -711.50
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -794.55
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -777.88
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -711.50
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -180.11
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1568.8
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1784.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1739.6
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -2048.5
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2204.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2242.0
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1937.3
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1850.8
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2036.1
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1752.0
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2304.7
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3031.4
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -26409.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -34361.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4511.9
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2216.0
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -2035.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1959.4
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2721.5
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3122.5
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2666.2
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1935.5
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2163.1
0.00000E+00   0.00000E+00   0.00000E+00
```

```
563        0        0   0.00000E+00   0.00000E+00   -2101.6
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1946.5
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -682.18
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -284.06
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.40
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -287.16
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -275.93
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -225.24
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -268.38
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -235.27
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -255.86
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -252.70
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -253.56
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -247.35
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -228.65
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -272.84
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -225.24
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -263.17
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -225.19
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -221.36
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -219.08
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -229.04
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -244.72
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -266.32
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -217.81
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -243.23
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -238.13
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -217.81
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -55.135
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2079.0
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2262.7
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2317.6
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2526.9
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2852.3
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.6
```

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0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2901.1
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2448.3
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2329.4
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2290.2
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2514.5
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2264.0
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2961.9
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22146.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -71830.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43331.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5545.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2448.4
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2330.7
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2255.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -3057.6
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3543.8
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2989.3
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2289.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2382.3
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -2056.7
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1719.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -435.97
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2057.2
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1923.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2330.7
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1923.6
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2608.1
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.3
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2057.0
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1926.0
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2328.3
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1923.5
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2062.8
0.00000E+00   0.00000E+00   0.00000E+00
```

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664        0        0   0.00000E+00   0.00000E+00   -2651.0
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81675.
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2243.5
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2351.0
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1923.2
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2065.5
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2188.6
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2520.0
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2477.3
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2323.7
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1922.8
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -684.85
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -9.4455
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2.3954
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
```

```
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -41.221
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -618.32
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -31935.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -40681.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | |
|---|---|---|---|---|---|
| 791 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -417.65 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 819 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -127.53 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 820 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1912.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 821 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1674.5 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 822 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3773.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 823 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3624.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 824 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 825 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3922.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 826 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3475.2 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 827 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4472.9 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4396.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3876.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3669.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3727.8 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23958. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11368E+06 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -31765. |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3429.7 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3417.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3980.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3566.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4603.3 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.1 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4576.4 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -184.21 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 876 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -56.250 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 877 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -843.75 |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |

| | | |
|---|---|---|
| NUMBER OF LOADED NODES OR ELEMENTS | = | 258 |
| LARGEST NODE OR ELEMENT NUMBER | = | 877 |

L O A D C A S E 697

CDM_TRsx - My (My) @ 58 (+X) - Positive - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -166.95 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.60 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.38 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -287.59 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -373.85 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.35 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -371.39 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.38 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -311.16 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.24 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.38 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -322.94 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -350.28 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.35 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5486.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -9313.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -2780.6 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -983.69 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1111.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1060.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1300.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1266.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1174.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -986.47 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1035.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1137.0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -861.42 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -974.53 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1148.0 | | | |

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0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1010.5
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -777.23
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -825.12
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -821.43
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -780.92
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -865.64
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -777.64
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -891.24
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -724.88
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -855.14
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -780.92
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -821.43
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -806.01
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -712.31
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -833.64
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -641.86
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -701.00
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -894.08
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -788.41
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -747.53
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -825.81
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -712.31
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -778.84
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -579.24
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1056.5
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -2047.8
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1717.4
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1819.9
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2365.8
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.7
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2350.2
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1717.4
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1969.1
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1824.1
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1717.4
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -2043.7
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       550        0        0   0.00000E+00   0.00000E+00   -2216.6
0.00000E+00   0.00000E+00   0.00000E+00
       551        0        0   0.00000E+00   0.00000E+00   -2767.7
0.00000E+00   0.00000E+00   0.00000E+00
       552        0        0   0.00000E+00   0.00000E+00   -20586.
0.00000E+00   0.00000E+00   0.00000E+00
       553        0        0   0.00000E+00   0.00000E+00   -34061.
0.00000E+00   0.00000E+00   0.00000E+00
       554        0        0   0.00000E+00   0.00000E+00   -10081.
0.00000E+00   0.00000E+00   0.00000E+00
       555        0        0   0.00000E+00   0.00000E+00   -1935.4
0.00000E+00   0.00000E+00   0.00000E+00
       556        0        0   0.00000E+00   0.00000E+00   -2157.0
0.00000E+00   0.00000E+00   0.00000E+00
       557        0        0   0.00000E+00   0.00000E+00   -2117.8
0.00000E+00   0.00000E+00   0.00000E+00
       558        0        0   0.00000E+00   0.00000E+00   -2547.8
0.00000E+00   0.00000E+00   0.00000E+00
       559        0        0   0.00000E+00   0.00000E+00   -3119.1
0.00000E+00   0.00000E+00   0.00000E+00
       560        0        0   0.00000E+00   0.00000E+00   -2482.2
0.00000E+00   0.00000E+00   0.00000E+00
       561        0        0   0.00000E+00   0.00000E+00   -2318.1
0.00000E+00   0.00000E+00   0.00000E+00
       562        0        0   0.00000E+00   0.00000E+00   -1953.0
0.00000E+00   0.00000E+00   0.00000E+00
       563        0        0   0.00000E+00   0.00000E+00   -2005.6
0.00000E+00   0.00000E+00   0.00000E+00
       564        0        0   0.00000E+00   0.00000E+00   -2269.2
0.00000E+00   0.00000E+00   0.00000E+00
       565        0        0   0.00000E+00   0.00000E+00   -1161.7
0.00000E+00   0.00000E+00   0.00000E+00
       566        0        0   0.00000E+00   0.00000E+00   -298.33
0.00000E+00   0.00000E+00   0.00000E+00
       567        0        0   0.00000E+00   0.00000E+00   -351.44
0.00000E+00   0.00000E+00   0.00000E+00
       568        0        0   0.00000E+00   0.00000E+00   -309.34
0.00000E+00   0.00000E+00   0.00000E+00
       569        0        0   0.00000E+00   0.00000E+00   -237.93
0.00000E+00   0.00000E+00   0.00000E+00
       570        0        0   0.00000E+00   0.00000E+00   -252.59
0.00000E+00   0.00000E+00   0.00000E+00
       571        0        0   0.00000E+00   0.00000E+00   -251.46
0.00000E+00   0.00000E+00   0.00000E+00
       572        0        0   0.00000E+00   0.00000E+00   -239.06
0.00000E+00   0.00000E+00   0.00000E+00
       573        0        0   0.00000E+00   0.00000E+00   -264.99
0.00000E+00   0.00000E+00   0.00000E+00
       574        0        0   0.00000E+00   0.00000E+00   -238.05
0.00000E+00   0.00000E+00   0.00000E+00
       575        0        0   0.00000E+00   0.00000E+00   -272.83
0.00000E+00   0.00000E+00   0.00000E+00
       576        0        0   0.00000E+00   0.00000E+00   -221.90
0.00000E+00   0.00000E+00   0.00000E+00
       577        0        0   0.00000E+00   0.00000E+00   -261.78
0.00000E+00   0.00000E+00   0.00000E+00
       578        0        0   0.00000E+00   0.00000E+00   -239.06
0.00000E+00   0.00000E+00   0.00000E+00
       579        0        0   0.00000E+00   0.00000E+00   -251.46
0.00000E+00   0.00000E+00   0.00000E+00
       580        0        0   0.00000E+00   0.00000E+00   -246.74
0.00000E+00   0.00000E+00   0.00000E+00
       581        0        0   0.00000E+00   0.00000E+00   -218.05
0.00000E+00   0.00000E+00   0.00000E+00
       582        0        0   0.00000E+00   0.00000E+00   -255.19
0.00000E+00   0.00000E+00   0.00000E+00
       583        0        0   0.00000E+00   0.00000E+00   -196.49
0.00000E+00   0.00000E+00   0.00000E+00
       584        0        0   0.00000E+00   0.00000E+00   -214.59
0.00000E+00   0.00000E+00   0.00000E+00
       585        0        0   0.00000E+00   0.00000E+00   -273.70
0.00000E+00   0.00000E+00   0.00000E+00
       586        0        0   0.00000E+00   0.00000E+00   -241.35
```

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      0.00000E+00   0.00000E+00   0.00000E+00
587         0         0   0.00000E+00   0.00000E+00   -228.84
      0.00000E+00   0.00000E+00   0.00000E+00
588         0         0   0.00000E+00   0.00000E+00   -252.80
      0.00000E+00   0.00000E+00   0.00000E+00
589         0         0   0.00000E+00   0.00000E+00   -218.05
      0.00000E+00   0.00000E+00   0.00000E+00
590         0         0   0.00000E+00   0.00000E+00   -238.42
      0.00000E+00   0.00000E+00   0.00000E+00
591         0         0   0.00000E+00   0.00000E+00   -177.32
      0.00000E+00   0.00000E+00   0.00000E+00
593         0         0   0.00000E+00   0.00000E+00   -235.51
      0.00000E+00   0.00000E+00   0.00000E+00
594         0         0   0.00000E+00   0.00000E+00   -538.42
      0.00000E+00   0.00000E+00   0.00000E+00
595         0         0   0.00000E+00   0.00000E+00   -1564.9
      0.00000E+00   0.00000E+00   0.00000E+00
596         0         0   0.00000E+00   0.00000E+00   -2526.5
      0.00000E+00   0.00000E+00   0.00000E+00
597         0         0   0.00000E+00   0.00000E+00   -2295.3
      0.00000E+00   0.00000E+00   0.00000E+00
598         0         0   0.00000E+00   0.00000E+00   -2297.5
      0.00000E+00   0.00000E+00   0.00000E+00
599         0         0   0.00000E+00   0.00000E+00   -3013.7
      0.00000E+00   0.00000E+00   0.00000E+00
600         0         0   0.00000E+00   0.00000E+00   -3540.3
      0.00000E+00   0.00000E+00   0.00000E+00
601         0         0   0.00000E+00   0.00000E+00   -3009.7
      0.00000E+00   0.00000E+00   0.00000E+00
602         0         0   0.00000E+00   0.00000E+00   -2227.6
      0.00000E+00   0.00000E+00   0.00000E+00
603         0         0   0.00000E+00   0.00000E+00   -2448.1
      0.00000E+00   0.00000E+00   0.00000E+00
604         0         0   0.00000E+00   0.00000E+00   -2401.8
      0.00000E+00   0.00000E+00   0.00000E+00
605         0         0   0.00000E+00   0.00000E+00   -2194.6
      0.00000E+00   0.00000E+00   0.00000E+00
606         0         0   0.00000E+00   0.00000E+00   -2556.8
      0.00000E+00   0.00000E+00   0.00000E+00
607         0         0   0.00000E+00   0.00000E+00   -2874.5
      0.00000E+00   0.00000E+00   0.00000E+00
608         0         0   0.00000E+00   0.00000E+00   -22147.
      0.00000E+00   0.00000E+00   0.00000E+00
609         0         0   0.00000E+00   0.00000E+00   -64826.
      0.00000E+00   0.00000E+00   0.00000E+00
610         0         0   0.00000E+00   0.00000E+00   -43249.
      0.00000E+00   0.00000E+00   0.00000E+00
611         0         0   0.00000E+00   0.00000E+00   -12770.
      0.00000E+00   0.00000E+00   0.00000E+00
612         0         0   0.00000E+00   0.00000E+00   -2194.6
      0.00000E+00   0.00000E+00   0.00000E+00
613         0         0   0.00000E+00   0.00000E+00   -2422.2
      0.00000E+00   0.00000E+00   0.00000E+00
614         0         0   0.00000E+00   0.00000E+00   -2427.7
      0.00000E+00   0.00000E+00   0.00000E+00
615         0         0   0.00000E+00   0.00000E+00   -2884.7
      0.00000E+00   0.00000E+00   0.00000E+00
616         0         0   0.00000E+00   0.00000E+00   -3540.3
      0.00000E+00   0.00000E+00   0.00000E+00
617         0         0   0.00000E+00   0.00000E+00   -2816.0
      0.00000E+00   0.00000E+00   0.00000E+00
618         0         0   0.00000E+00   0.00000E+00   -2635.6
      0.00000E+00   0.00000E+00   0.00000E+00
619         0         0   0.00000E+00   0.00000E+00   -2212.3
      0.00000E+00   0.00000E+00   0.00000E+00
620         0         0   0.00000E+00   0.00000E+00   -1946.9
      0.00000E+00   0.00000E+00   0.00000E+00
621         0         0   0.00000E+00   0.00000E+00   -2026.1
      0.00000E+00   0.00000E+00   0.00000E+00
622         0         0   0.00000E+00   0.00000E+00   -947.04
      0.00000E+00   0.00000E+00   0.00000E+00
650         0         0   0.00000E+00   0.00000E+00   -956.16
      0.00000E+00   0.00000E+00   0.00000E+00
```

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651        0        0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2054.4
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1924.8
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2330.6
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2609.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.9
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2055.8
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1926.6
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2328.9
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2064.4
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2650.5
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81621.
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2243.0
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2406.1
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2066.0
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.5
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.4
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2325.6
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1921.9
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -684.25
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -11.132
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -5.2035
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
```

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0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -31935.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
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       780        0        0   0.00000E+00   0.00000E+00   -40681.
0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -4396.3
0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -3876.8
0.00000E+00   0.00000E+00   0.00000E+00
       831        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
       832        0        0   0.00000E+00   0.00000E+00   -3669.8
0.00000E+00   0.00000E+00   0.00000E+00
       833        0        0   0.00000E+00   0.00000E+00   -3727.8
0.00000E+00   0.00000E+00   0.00000E+00
       834        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
       835        0        0   0.00000E+00   0.00000E+00   -23958.
0.00000E+00   0.00000E+00   0.00000E+00
       836        0        0   0.00000E+00   0.00000E+00  -0.11368E+06
0.00000E+00   0.00000E+00   0.00000E+00
       837        0        0   0.00000E+00   0.00000E+00   -31765.
0.00000E+00   0.00000E+00   0.00000E+00
       838        0        0   0.00000E+00   0.00000E+00   -3429.7
0.00000E+00   0.00000E+00   0.00000E+00
       839        0        0   0.00000E+00   0.00000E+00   -3417.3
0.00000E+00   0.00000E+00   0.00000E+00
       840        0        0   0.00000E+00   0.00000E+00   -3980.3
0.00000E+00   0.00000E+00   0.00000E+00
       841        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
       842        0        0   0.00000E+00   0.00000E+00   -3566.3
0.00000E+00   0.00000E+00   0.00000E+00
       843        0        0   0.00000E+00   0.00000E+00   -4603.3
0.00000E+00   0.00000E+00   0.00000E+00
       844        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
       845        0        0   0.00000E+00   0.00000E+00   -4576.4
```

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      0.00000E+00   0.00000E+00   0.00000E+00
      846       0       0   0.00000E+00   0.00000E+00   -3349.0
      0.00000E+00   0.00000E+00   0.00000E+00
      847       0       0   0.00000E+00   0.00000E+00   -3349.0
      0.00000E+00   0.00000E+00   0.00000E+00
      848       0       0   0.00000E+00   0.00000E+00   -184.21
      0.00000E+00   0.00000E+00   0.00000E+00

          NUMBER OF LOADED NODES OR ELEMENTS          =          252
          LARGEST NODE OR ELEMENT NUMBER              =          848
```

L O A D C A S E 698

CDM_TRsx - My (My) @ 60.5 - Positive - Frequent

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          CONCENTRATED LOAD
    FIRST    LAST    DIFF          FORCE          FORCE          FORCE
    FORCE          FORCE          FORCE
     NODE    NODE    RNCE             FX             FY             FZ
     MX             MY             MZ
      481       0       0   0.00000E+00   0.00000E+00   -247.90
      0.00000E+00   0.00000E+00   0.00000E+00
      482       0       0   0.00000E+00   0.00000E+00   -282.06
      0.00000E+00   0.00000E+00   0.00000E+00
      483       0       0   0.00000E+00   0.00000E+00   -274.90
      0.00000E+00   0.00000E+00   0.00000E+00
      484       0       0   0.00000E+00   0.00000E+00   -323.70
      0.00000E+00   0.00000E+00   0.00000E+00
      485       0       0   0.00000E+00   0.00000E+00   -348.43
      0.00000E+00   0.00000E+00   0.00000E+00
      486       0       0   0.00000E+00   0.00000E+00   -437.24
      0.00000E+00   0.00000E+00   0.00000E+00
      487       0       0   0.00000E+00   0.00000E+00   -354.28
      0.00000E+00   0.00000E+00   0.00000E+00
      488       0       0   0.00000E+00   0.00000E+00   -306.13
      0.00000E+00   0.00000E+00   0.00000E+00
      489       0       0   0.00000E+00   0.00000E+00   -292.47
      0.00000E+00   0.00000E+00   0.00000E+00
      490       0       0   0.00000E+00   0.00000E+00   -270.67
      0.00000E+00   0.00000E+00   0.00000E+00
      491       0       0   0.00000E+00   0.00000E+00   -321.75
      0.00000E+00   0.00000E+00   0.00000E+00
      492       0       0   0.00000E+00   0.00000E+00   -715.60
      0.00000E+00   0.00000E+00   0.00000E+00
      493       0       0   0.00000E+00   0.00000E+00   -1365.8
      0.00000E+00   0.00000E+00   0.00000E+00
      494       0       0   0.00000E+00   0.00000E+00   -1585.2
      0.00000E+00   0.00000E+00   0.00000E+00
      495       0       0   0.00000E+00   0.00000E+00   -8012.6
      0.00000E+00   0.00000E+00   0.00000E+00
      496       0       0   0.00000E+00   0.00000E+00   -10038.
      0.00000E+00   0.00000E+00   0.00000E+00
      497       0       0   0.00000E+00   0.00000E+00   -1778.8
      0.00000E+00   0.00000E+00   0.00000E+00
      498       0       0   0.00000E+00   0.00000E+00   -1094.0
      0.00000E+00   0.00000E+00   0.00000E+00
      499       0       0   0.00000E+00   0.00000E+00   -999.27
      0.00000E+00   0.00000E+00   0.00000E+00
      500       0       0   0.00000E+00   0.00000E+00   -1094.0
      0.00000E+00   0.00000E+00   0.00000E+00
      501       0       0   0.00000E+00   0.00000E+00   -1320.0
      0.00000E+00   0.00000E+00   0.00000E+00
      502       0       0   0.00000E+00   0.00000E+00   -1585.9
      0.00000E+00   0.00000E+00   0.00000E+00
      503       0       0   0.00000E+00   0.00000E+00   -1326.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1011.0
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1133.6
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1009.7
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1044.0
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -868.34
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -931.10
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1148.0
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -940.62
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -897.03
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -736.35
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -879.43
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -766.63
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -836.48
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -825.66
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -826.84
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -810.12
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -743.60
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -895.48
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -736.35
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -853.04
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -742.52
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -714.48
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -721.35
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -753.24
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -789.52
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -879.42
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -712.00
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -780.45
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -792.55
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -712.00
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -813.44
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -509.12
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1568.8
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1784.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1739.6
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -2048.5
0.00000E+00   0.00000E+00   0.00000E+00
```

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542        0        0   0.00000E+00   0.00000E+00   -2204.9
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2242.0
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1937.3
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1850.8
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2036.1
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1886.3
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2610.4
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3118.4
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -26407.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -34361.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4518.3
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2209.8
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -2035.8
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -1964.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2717.8
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3122.5
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2664.8
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -1939.5
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2159.2
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -2101.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1949.6
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -679.20
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -285.03
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.43
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -287.95
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -274.60
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -225.41
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -269.21
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -234.68
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -256.07
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -252.75
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -253.12
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -248.00
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -227.63
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -274.13
```

```
0.00000E+00   0.00000E+00   0.00000E+00
579       0       0   0.00000E+00   0.00000E+00   -225.41
0.00000E+00   0.00000E+00   0.00000E+00
580       0       0   0.00000E+00   0.00000E+00   -261.14
0.00000E+00   0.00000E+00   0.00000E+00
581       0       0   0.00000E+00   0.00000E+00   -227.30
0.00000E+00   0.00000E+00   0.00000E+00
582       0       0   0.00000E+00   0.00000E+00   -218.72
0.00000E+00   0.00000E+00   0.00000E+00
583       0       0   0.00000E+00   0.00000E+00   -220.82
0.00000E+00   0.00000E+00   0.00000E+00
584       0       0   0.00000E+00   0.00000E+00   -230.58
0.00000E+00   0.00000E+00   0.00000E+00
585       0       0   0.00000E+00   0.00000E+00   -241.69
0.00000E+00   0.00000E+00   0.00000E+00
586       0       0   0.00000E+00   0.00000E+00   -269.21
0.00000E+00   0.00000E+00   0.00000E+00
587       0       0   0.00000E+00   0.00000E+00   -217.96
0.00000E+00   0.00000E+00   0.00000E+00
588       0       0   0.00000E+00   0.00000E+00   -238.91
0.00000E+00   0.00000E+00   0.00000E+00
589       0       0   0.00000E+00   0.00000E+00   -242.62
0.00000E+00   0.00000E+00   0.00000E+00
590       0       0   0.00000E+00   0.00000E+00   -217.96
0.00000E+00   0.00000E+00   0.00000E+00
591       0       0   0.00000E+00   0.00000E+00   -249.01
0.00000E+00   0.00000E+00   0.00000E+00
592       0       0   0.00000E+00   0.00000E+00   -155.85
0.00000E+00   0.00000E+00   0.00000E+00
593       0       0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594       0       0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595       0       0   0.00000E+00   0.00000E+00   -2079.0
0.00000E+00   0.00000E+00   0.00000E+00
596       0       0   0.00000E+00   0.00000E+00   -2262.7
0.00000E+00   0.00000E+00   0.00000E+00
597       0       0   0.00000E+00   0.00000E+00   -2317.6
0.00000E+00   0.00000E+00   0.00000E+00
598       0       0   0.00000E+00   0.00000E+00   -2526.9
0.00000E+00   0.00000E+00   0.00000E+00
599       0       0   0.00000E+00   0.00000E+00   -2852.3
0.00000E+00   0.00000E+00   0.00000E+00
600       0       0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
601       0       0   0.00000E+00   0.00000E+00   -2901.1
0.00000E+00   0.00000E+00   0.00000E+00
602       0       0   0.00000E+00   0.00000E+00   -2448.3
0.00000E+00   0.00000E+00   0.00000E+00
603       0       0   0.00000E+00   0.00000E+00   -2329.4
0.00000E+00   0.00000E+00   0.00000E+00
604       0       0   0.00000E+00   0.00000E+00   -2290.2
0.00000E+00   0.00000E+00   0.00000E+00
605       0       0   0.00000E+00   0.00000E+00   -2514.5
0.00000E+00   0.00000E+00   0.00000E+00
606       0       0   0.00000E+00   0.00000E+00   -2264.0
0.00000E+00   0.00000E+00   0.00000E+00
607       0       0   0.00000E+00   0.00000E+00   -2961.9
0.00000E+00   0.00000E+00   0.00000E+00
608       0       0   0.00000E+00   0.00000E+00   -22146.
0.00000E+00   0.00000E+00   0.00000E+00
609       0       0   0.00000E+00   0.00000E+00   -71830.
0.00000E+00   0.00000E+00   0.00000E+00
610       0       0   0.00000E+00   0.00000E+00   -43331.
0.00000E+00   0.00000E+00   0.00000E+00
611       0       0   0.00000E+00   0.00000E+00   -5545.9
0.00000E+00   0.00000E+00   0.00000E+00
612       0       0   0.00000E+00   0.00000E+00   -2448.4
0.00000E+00   0.00000E+00   0.00000E+00
613       0       0   0.00000E+00   0.00000E+00   -2330.7
0.00000E+00   0.00000E+00   0.00000E+00
614       0       0   0.00000E+00   0.00000E+00   -2255.8
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       615        0        0   0.00000E+00   0.00000E+00   -3057.6
0.00000E+00   0.00000E+00   0.00000E+00
       616        0        0   0.00000E+00   0.00000E+00   -3543.8
0.00000E+00   0.00000E+00   0.00000E+00
       617        0        0   0.00000E+00   0.00000E+00   -2989.3
0.00000E+00   0.00000E+00   0.00000E+00
       618        0        0   0.00000E+00   0.00000E+00   -2289.1
0.00000E+00   0.00000E+00   0.00000E+00
       619        0        0   0.00000E+00   0.00000E+00   -2382.3
0.00000E+00   0.00000E+00   0.00000E+00
       620        0        0   0.00000E+00   0.00000E+00   -2056.7
0.00000E+00   0.00000E+00   0.00000E+00
       621        0        0   0.00000E+00   0.00000E+00   -1719.1
0.00000E+00   0.00000E+00   0.00000E+00
       622        0        0   0.00000E+00   0.00000E+00   -435.97
0.00000E+00   0.00000E+00   0.00000E+00
       650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
       651        0        0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
       652        0        0   0.00000E+00   0.00000E+00   -2057.2
0.00000E+00   0.00000E+00   0.00000E+00
       653        0        0   0.00000E+00   0.00000E+00   -1923.3
0.00000E+00   0.00000E+00   0.00000E+00
       654        0        0   0.00000E+00   0.00000E+00   -2330.7
0.00000E+00   0.00000E+00   0.00000E+00
       655        0        0   0.00000E+00   0.00000E+00   -1923.6
0.00000E+00   0.00000E+00   0.00000E+00
       656        0        0   0.00000E+00   0.00000E+00   -2608.1
0.00000E+00   0.00000E+00   0.00000E+00
       657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
       658        0        0   0.00000E+00   0.00000E+00   -2655.3
0.00000E+00   0.00000E+00   0.00000E+00
       659        0        0   0.00000E+00   0.00000E+00   -2057.0
0.00000E+00   0.00000E+00   0.00000E+00
       660        0        0   0.00000E+00   0.00000E+00   -1926.0
0.00000E+00   0.00000E+00   0.00000E+00
       661        0        0   0.00000E+00   0.00000E+00   -2328.3
0.00000E+00   0.00000E+00   0.00000E+00
       662        0        0   0.00000E+00   0.00000E+00   -1923.5
0.00000E+00   0.00000E+00   0.00000E+00
       663        0        0   0.00000E+00   0.00000E+00   -2062.8
0.00000E+00   0.00000E+00   0.00000E+00
       664        0        0   0.00000E+00   0.00000E+00   -2651.0
0.00000E+00   0.00000E+00   0.00000E+00
       665        0        0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
       666        0        0   0.00000E+00   0.00000E+00   -81675.
0.00000E+00   0.00000E+00   0.00000E+00
       667        0        0   0.00000E+00   0.00000E+00   -2243.5
0.00000E+00   0.00000E+00   0.00000E+00
       668        0        0   0.00000E+00   0.00000E+00   -2351.0
0.00000E+00   0.00000E+00   0.00000E+00
       669        0        0   0.00000E+00   0.00000E+00   -1923.2
0.00000E+00   0.00000E+00   0.00000E+00
       670        0        0   0.00000E+00   0.00000E+00   -2065.5
0.00000E+00   0.00000E+00   0.00000E+00
       671        0        0   0.00000E+00   0.00000E+00   -2188.6
0.00000E+00   0.00000E+00   0.00000E+00
       672        0        0   0.00000E+00   0.00000E+00   -2520.0
0.00000E+00   0.00000E+00   0.00000E+00
       673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
       674        0        0   0.00000E+00   0.00000E+00   -2477.3
0.00000E+00   0.00000E+00   0.00000E+00
       675        0        0   0.00000E+00   0.00000E+00   -2323.7
0.00000E+00   0.00000E+00   0.00000E+00
       676        0        0   0.00000E+00   0.00000E+00   -1922.8
0.00000E+00   0.00000E+00   0.00000E+00
       677        0        0   0.00000E+00   0.00000E+00   -684.85
0.00000E+00   0.00000E+00   0.00000E+00
       678        0        0   0.00000E+00   0.00000E+00   -9.4455
```

```
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -2.3954
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
```

```
       771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -31935.
0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -40681.
0.00000E+00   0.00000E+00   0.00000E+00
       781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
       782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
       783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
       784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
       786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
       787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
       788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
       789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
       791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
       821        0        0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
       822        0        0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
       823        0        0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
       824        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
       825        0        0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
       826        0        0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
       827        0        0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
       828        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
       829        0        0   0.00000E+00   0.00000E+00   -4396.3
0.00000E+00   0.00000E+00   0.00000E+00
       830        0        0   0.00000E+00   0.00000E+00   -3876.8
0.00000E+00   0.00000E+00   0.00000E+00
       831        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
       832        0        0   0.00000E+00   0.00000E+00   -3669.8
0.00000E+00   0.00000E+00   0.00000E+00
       833        0        0   0.00000E+00   0.00000E+00   -3727.8
0.00000E+00   0.00000E+00   0.00000E+00
       834        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
       835        0        0   0.00000E+00   0.00000E+00   -23958.
0.00000E+00   0.00000E+00   0.00000E+00
       836        0        0   0.00000E+00   0.00000E+00  -0.11368E+06
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | -31765. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | -3429.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | -3417.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | -3980.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | -3349.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | -3566.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | -4603.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | -5398.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | -4576.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | -3349.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | -3349.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | -184.21 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 254
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 699

CDM_TRsx - My (My) @ 64 - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | | |
| FORCE | FORCE | FORCE | | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | | |
| MX | MY | MZ | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -248.29 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -280.78 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -278.52 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -319.25 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -349.97 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.09 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -350.61 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -317.31 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -284.40 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -991.11 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1031.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1017.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1355.5 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.1 | | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -8020.9
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -10016.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1807.8
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1081.1
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -982.22
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1140.9
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -1289.7
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1585.1
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -1308.6
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1036.2
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1134.9
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -982.22
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1058.2
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -814.01
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -935.93
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1148.0
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -947.17
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -885.83
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -736.66
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -889.78
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -756.70
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -845.75
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -816.36
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -836.02
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -802.06
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -750.47
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -888.80
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -736.66
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -859.54
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -736.71
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -719.36
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -718.05
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -751.69
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -792.69
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -877.06
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -712.27
0.00000E+00   0.00000E+00   0.00000E+00
```

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531        0        0   0.00000E+00   0.00000E+00   -782.44
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -790.85
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -712.27
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -813.98
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -508.84
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1571.2
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -1776.8
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1762.5
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -2020.3
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2214.7
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2766.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2218.8
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2008.0
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1776.0
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -1982.6
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2236.3
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1937.2
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2639.3
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3117.5
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -26501.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -34217.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4578.3
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2249.6
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1926.4
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2147.2
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2602.6
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3117.5
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2588.0
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2000.3
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2264.2
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1926.4
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1949.6
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -423.43
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -286.51
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.44
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -289.95
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -271.17
```

```
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -225.51
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -272.38
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -231.64
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -258.90
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -249.91
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -255.92
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -245.53
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -229.74
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -272.08
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -225.51
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -263.13
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -225.52
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -220.21
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -219.81
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -230.11
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -242.66
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -268.49
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -218.04
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -239.52
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -242.10
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -218.04
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -249.18
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -155.77
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2081.5
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2254.6
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2340.6
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2498.6
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2862.1
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3538.7
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2877.7
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2519.3
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2253.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2342.1
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2496.6
0.00000E+00   0.00000E+00   0.00000E+00
```

```
606        0        0   0.00000E+00   0.00000E+00   -2220.2
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2995.7
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22146.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -71926.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43187.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5599.8
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2494.5
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2220.8
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2432.9
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2945.8
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3538.7
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2913.8
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2345.1
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2492.5
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1880.6
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1714.5
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -183.77
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2057.3
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1923.3
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2330.8
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1923.5
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2608.2
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.1
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2057.4
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1925.5
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2328.6
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1923.4
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2062.6
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2651.2
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81675.
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2242.7
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2351.3
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1923.4
```

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0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2064.9
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.5
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.4
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.9
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2324.0
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1923.4
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -683.89
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -9.4203
0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00   -1.0097
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
```

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733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -31935.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -40681.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4472.9
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 828 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 829 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4396.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 830 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3876.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 831 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 832 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3669.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 833 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3727.8 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 834 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 835 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -23958. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 836 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11368E+06 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -31765. | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3429.7 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3417.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3980.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3566.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4603.3 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.1 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4576.4 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -184.21 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 254
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 700

CDM_TRsx - My (My) @ 70 (-X) - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | |
| FORCE | FORCE | FORCE | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | |
| MX | MY | MZ | | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.629 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 481 | 482 | 1 | 0.00000E+00 | 0.00000E+00 | -270.67 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -314.92 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -283.69 | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -361.76 | | |

```
0.00000E+00   0.00000E+00   0.00000E+00
486        0        0   0.00000E+00   0.00000E+00   -437.24
0.00000E+00   0.00000E+00   0.00000E+00
487        0        0   0.00000E+00   0.00000E+00   -398.80
0.00000E+00   0.00000E+00   0.00000E+00
488        0        0   0.00000E+00   0.00000E+00   -1021.1
0.00000E+00   0.00000E+00   0.00000E+00
489        0        0   0.00000E+00   0.00000E+00   -982.10
0.00000E+00   0.00000E+00   0.00000E+00
490        0        0   0.00000E+00   0.00000E+00   -1091.7
0.00000E+00   0.00000E+00   0.00000E+00
491        0        0   0.00000E+00   0.00000E+00   -1079.3
0.00000E+00   0.00000E+00   0.00000E+00
492        0        0   0.00000E+00   0.00000E+00   -982.10
0.00000E+00   0.00000E+00   0.00000E+00
493        0        0   0.00000E+00   0.00000E+00   -1363.2
0.00000E+00   0.00000E+00   0.00000E+00
494        0        0   0.00000E+00   0.00000E+00   -1590.4
0.00000E+00   0.00000E+00   0.00000E+00
495        0        0   0.00000E+00   0.00000E+00   -8051.9
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -10007.
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1757.9
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -1130.8
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -982.10
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1091.9
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -1322.4
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1585.1
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -1324.5
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -995.11
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1169.3
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -988.62
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1011.7
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -859.96
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -920.64
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1147.9
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -938.25
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -897.65
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -747.49
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -857.04
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -788.10
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -816.43
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -845.78
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -806.99
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -827.55
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -729.20
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -908.98
0.00000E+00   0.00000E+00   0.00000E+00
```

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522        0        0   0.00000E+00   0.00000E+00   -736.15
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -838.98
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -755.07
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -711.42
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -710.92
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -766.61
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -782.67
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -884.51
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -711.42
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -776.14
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -796.21
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -711.42
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -812.27
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -509.74
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -181.17
0.00000E+00   0.00000E+00   0.00000E+00
538      539        1   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1992.9
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1795.2
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2289.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2285.0
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2177.7
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1930.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -2168.0
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2101.5
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1930.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2689.9
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3151.3
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -26501.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -34158.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4653.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2179.9
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1930.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2199.4
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2567.7
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3118.4
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2584.1
```

```
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2013.0
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2254.4
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1932.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1939.7
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -435.66
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -281.83
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.40
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -287.22
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -274.79
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -228.82
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -262.36
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -241.25
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -249.93
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -258.91
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -247.04
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -253.33
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -223.22
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -278.26
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -225.35
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -256.83
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -231.14
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -217.78
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -217.63
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -234.68
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -239.59
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -270.77
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -217.78
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -237.60
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -243.74
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -217.78
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -248.65
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -156.04
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -720.25
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2223.7
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2190.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
597        0        0   0.00000E+00   0.00000E+00   -2571.8
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2272.7
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2937.0
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2932.0
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2471.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2190.9
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2505.1
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2338.9
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2224.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3046.6
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22180.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -71917.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43127.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5694.6
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2405.0
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2225.3
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2503.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2898.5
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2904.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2371.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2471.1
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1885.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1719.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -181.83
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2187.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2058.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1922.9
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2332.1
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1922.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2608.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.4
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2057.1
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1925.2
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2329.5
 0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1922.6
 0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2062.6
 0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2651.5
 0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
 0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81675.
 0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2242.4
 0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2351.9
 0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1922.9
 0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2064.9
 0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.9
 0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.2
 0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
 0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.9
 0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2324.2
 0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1923.3
 0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -683.91
 0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -9.4455
 0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00  -0.99904
 0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
 0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
 0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
 0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
 0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
 0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
 0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
 0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
 0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
 0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4252.2
 0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
 0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
 0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
 0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
 0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -20665.
 0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
 0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9967.2
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8320.1
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8451.5
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -31935.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -40681.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
```

```
0.00000E+00   0.00000E+00   0.00000E+00
790       0       0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
791       0       0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
821       0       0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
822       0       0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
823       0       0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
824       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -4396.3
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -3876.8
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -3669.8
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -3727.8
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -23958.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00  -0.11368E+06
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -31765.
0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -3429.7
0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -3417.3
0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00   -3980.3
0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -3566.3
0.00000E+00   0.00000E+00   0.00000E+00
843       0       0   0.00000E+00   0.00000E+00   -4603.3
0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -4576.4
0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -184.21
0.00000E+00   0.00000E+00   0.00000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =          256
    LARGEST NODE OR ELEMENT NUMBER              =          848

    L O A D   C A S E       701
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CDM_TRsx - My (My) @ 70 (+X) - Positive - Frequent

CONCENTRATED LOAD

| FIRST NODE | LAST NODE | DIFFERENCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|---|---|---|---|---|---|---|---|---|
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.629 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 481 | 482 | 1 | 0.00000E+00 | 0.00000E+00 | -270.67 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -314.92 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -283.69 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -361.76 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.24 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -398.80 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1021.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.10 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1091.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1079.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.10 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1363.2 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1590.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -8051.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10007. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1757.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1130.8 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -982.10 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1091.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1322.4 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.1 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1324.5 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 504 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -995.11 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 505 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1169.3 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 506 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -988.62 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 507 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1011.7 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 508 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -859.96 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 509 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -920.64 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 510 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1147.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 511 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -938.25 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 512 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -897.65 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

```
513        0        0   0.00000E+00   0.00000E+00   -747.49
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -857.04
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -788.10
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -816.43
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -845.78
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -806.99
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -827.55
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -729.20
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -908.98
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -736.15
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -838.98
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -755.07
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -711.42
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -710.92
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -766.61
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -782.67
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -884.51
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -711.42
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -776.14
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -796.21
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -711.42
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -812.27
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -509.74
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -181.17
0.00000E+00   0.00000E+00   0.00000E+00
538      539        1   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1992.9
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1795.2
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2289.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -2767.0
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2285.0
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -2177.7
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -1930.7
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -2168.0
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -2101.5
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -1930.7
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2689.9
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3151.3
```

```
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -26501.
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -34158.
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -4653.0
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -2179.9
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -1930.7
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2199.4
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2567.7
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3118.4
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2584.1
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2013.0
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -2254.4
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1932.7
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -1939.7
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -435.66
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -281.83
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.40
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -287.22
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -274.79
0.00000E+00   0.00000E+00   0.00000E+00
570        0        0   0.00000E+00   0.00000E+00   -228.82
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -262.36
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -241.25
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -249.93
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -258.91
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -247.04
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -253.33
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -223.22
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -278.26
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -225.35
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -256.83
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -231.14
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -217.78
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -217.63
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -234.68
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -239.59
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -270.77
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -217.78
0.00000E+00   0.00000E+00   0.00000E+00
```

```
588        0        0   0.00000E+00   0.00000E+00   -237.60
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -243.74
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -217.78
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -248.65
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -156.04
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -720.25
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2223.7
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2190.4
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2571.8
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2272.7
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2937.0
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2932.0
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2471.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2190.9
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2505.1
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2338.9
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2224.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3046.6
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22180.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -71917.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43127.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5694.6
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2405.0
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2225.3
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2503.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2898.5
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2904.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2371.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2471.1
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1885.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1719.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -181.83
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2187.0
```

```
 0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2058.0
 0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1922.9
 0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2332.1
 0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1922.2
 0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2608.6
 0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
 0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.4
 0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2057.1
 0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1925.2
 0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2329.5
 0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1922.6
 0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2062.6
 0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2651.5
 0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
 0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -81675.
 0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2242.4
 0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2351.9
 0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1922.9
 0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2064.9
 0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.9
 0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.2
 0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
 0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.9
 0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2324.2
 0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1923.3
 0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -683.91
 0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -9.4455
 0.00000E+00   0.00000E+00   0.00000E+00
679        0        0   0.00000E+00   0.00000E+00  -0.99904
 0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
 0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
 0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
 0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
 0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
 0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
 0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
 0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6091.3
 0.00000E+00   0.00000E+00   0.00000E+00
```

```
       715        0        0   0.00000E+00   0.00000E+00   -5044.4
   0.00000E+00   0.00000E+00   0.00000E+00
       716        0        0   0.00000E+00   0.00000E+00   -4252.2
   0.00000E+00   0.00000E+00   0.00000E+00
       717        0        0   0.00000E+00   0.00000E+00   -3775.4
   0.00000E+00   0.00000E+00   0.00000E+00
       718        0        0   0.00000E+00   0.00000E+00   -4288.5
   0.00000E+00   0.00000E+00   0.00000E+00
       719        0        0   0.00000E+00   0.00000E+00   -4050.6
   0.00000E+00   0.00000E+00   0.00000E+00
       720        0        0   0.00000E+00   0.00000E+00   -3870.2
   0.00000E+00   0.00000E+00   0.00000E+00
       721        0        0   0.00000E+00   0.00000E+00   -20665.
   0.00000E+00   0.00000E+00   0.00000E+00
       722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       724        0        0   0.00000E+00   0.00000E+00   -3836.2
   0.00000E+00   0.00000E+00   0.00000E+00
       725        0        0   0.00000E+00   0.00000E+00   -4101.9
   0.00000E+00   0.00000E+00   0.00000E+00
       726        0        0   0.00000E+00   0.00000E+00   -4235.7
   0.00000E+00   0.00000E+00   0.00000E+00
       727        0        0   0.00000E+00   0.00000E+00   -3871.8
   0.00000E+00   0.00000E+00   0.00000E+00
       728        0        0   0.00000E+00   0.00000E+00   -4116.3
   0.00000E+00   0.00000E+00   0.00000E+00
       729        0        0   0.00000E+00   0.00000E+00   -5102.1
   0.00000E+00   0.00000E+00   0.00000E+00
       730        0        0   0.00000E+00   0.00000E+00   -6091.3
   0.00000E+00   0.00000E+00   0.00000E+00
       731        0        0   0.00000E+00   0.00000E+00   -5053.2
   0.00000E+00   0.00000E+00   0.00000E+00
       732        0        0   0.00000E+00   0.00000E+00   -4050.2
   0.00000E+00   0.00000E+00   0.00000E+00
       733        0        0   0.00000E+00   0.00000E+00   -3773.1
   0.00000E+00   0.00000E+00   0.00000E+00
       734        0        0   0.00000E+00   0.00000E+00   -600.15
   0.00000E+00   0.00000E+00   0.00000E+00
       764        0        0   0.00000E+00   0.00000E+00   -3796.4
   0.00000E+00   0.00000E+00   0.00000E+00
       765        0        0   0.00000E+00   0.00000E+00   -8554.7
   0.00000E+00   0.00000E+00   0.00000E+00
       766        0        0   0.00000E+00   0.00000E+00   -8216.8
   0.00000E+00   0.00000E+00   0.00000E+00
       767        0        0   0.00000E+00   0.00000E+00   -7592.7
   0.00000E+00   0.00000E+00   0.00000E+00
       768        0        0   0.00000E+00   0.00000E+00   -8892.6
   0.00000E+00   0.00000E+00   0.00000E+00
       769        0        0   0.00000E+00   0.00000E+00   -7879.0
   0.00000E+00   0.00000E+00   0.00000E+00
       770        0        0   0.00000E+00   0.00000E+00   -10141.
   0.00000E+00   0.00000E+00   0.00000E+00
       771        0        0   0.00000E+00   0.00000E+00   -12238.
   0.00000E+00   0.00000E+00   0.00000E+00
       772        0        0   0.00000E+00   0.00000E+00   -9967.2
   0.00000E+00   0.00000E+00   0.00000E+00
       773        0        0   0.00000E+00   0.00000E+00   -8789.3
   0.00000E+00   0.00000E+00   0.00000E+00
       774        0        0   0.00000E+00   0.00000E+00   -7592.7
   0.00000E+00   0.00000E+00   0.00000E+00
       775        0        0   0.00000E+00   0.00000E+00   -8320.1
   0.00000E+00   0.00000E+00   0.00000E+00
       776        0        0   0.00000E+00   0.00000E+00   -8451.5
   0.00000E+00   0.00000E+00   0.00000E+00
       777        0        0   0.00000E+00   0.00000E+00   -7592.7
   0.00000E+00   0.00000E+00   0.00000E+00
       778        0        0   0.00000E+00   0.00000E+00   -31935.
   0.00000E+00   0.00000E+00   0.00000E+00
       779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
   0.00000E+00   0.00000E+00   0.00000E+00
       780        0        0   0.00000E+00   0.00000E+00   -40681.
```

```
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7775.7
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7747.6
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9024.0
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12238.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -417.65
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1674.5
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3773.3
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3624.3
0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3922.3
0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3475.2
0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4472.9
0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4396.3
0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3876.8
0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3669.8
0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3727.8
0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -23958.
0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00  -0.11368E+06
0.00000E+00   0.00000E+00   0.00000E+00
837        0        0   0.00000E+00   0.00000E+00   -31765.
0.00000E+00   0.00000E+00   0.00000E+00
838        0        0   0.00000E+00   0.00000E+00   -3429.7
0.00000E+00   0.00000E+00   0.00000E+00
839        0        0   0.00000E+00   0.00000E+00   -3417.3
0.00000E+00   0.00000E+00   0.00000E+00
840        0        0   0.00000E+00   0.00000E+00   -3980.3
0.00000E+00   0.00000E+00   0.00000E+00
841        0        0   0.00000E+00   0.00000E+00   -3349.0
0.00000E+00   0.00000E+00   0.00000E+00
842        0        0   0.00000E+00   0.00000E+00   -3566.3
0.00000E+00   0.00000E+00   0.00000E+00
843        0        0   0.00000E+00   0.00000E+00   -4603.3
0.00000E+00   0.00000E+00   0.00000E+00
844        0        0   0.00000E+00   0.00000E+00   -5398.1
0.00000E+00   0.00000E+00   0.00000E+00
845        0        0   0.00000E+00   0.00000E+00   -4576.4
0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | |
|---|---|---|---|---|---|---|
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -184.21 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 256
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 702

CDM_TRsx - My (My) @ 75.5 - Positive - Frequent

| CONCENTRATED LOAD | | | | | | |
|---|---|---|---|---|---|---|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | |
| FORCE MX | FORCE MY | FORCE MZ | | | | |
| 480 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -28.629 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 481 | 482 | 1 | 0.00000E+00 | 0.00000E+00 | -270.67 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -314.92 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -283.69 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -361.76 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -437.24 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -716.49 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1106.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1049.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1019.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1109.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1031.2 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1321.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1590.8 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 495 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -7955.6 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 496 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -10146. | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 497 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1735.9 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 498 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1028.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 499 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1123.0 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 500 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1024.4 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 501 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1321.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 502 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.5 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |
| 503 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1302.1 | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | |

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504        0        0   0.00000E+00   0.00000E+00   -1099.5
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -1029.6
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1049.0
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -1068.2
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -743.28
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -980.17
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1148.3
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -1007.1
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -783.12
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -813.19
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -837.06
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -759.25
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -891.00
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -750.86
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -920.03
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -728.16
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -813.39
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -827.52
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -768.80
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -858.50
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -714.65
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -764.10
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -687.77
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -737.47
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -821.67
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -855.40
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -714.65
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -800.62
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -775.26
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -714.65
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -818.88
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -506.19
0.00000E+00   0.00000E+00   0.00000E+00
537        0        0   0.00000E+00   0.00000E+00   -181.17
0.00000E+00   0.00000E+00   0.00000E+00
538      539        1   0.00000E+00   0.00000E+00   -1712.9
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1992.9
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1795.2
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2289.3
```

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0.00000E+00   0.00000E+00   0.00000E+00
543       0       0   0.00000E+00   0.00000E+00   -2767.0
0.00000E+00   0.00000E+00   0.00000E+00
544       0       0   0.00000E+00   0.00000E+00   -2382.2
0.00000E+00   0.00000E+00   0.00000E+00
545       0       0   0.00000E+00   0.00000E+00   -2203.9
0.00000E+00   0.00000E+00   0.00000E+00
546       0       0   0.00000E+00   0.00000E+00   -1951.3
0.00000E+00   0.00000E+00   0.00000E+00
547       0       0   0.00000E+00   0.00000E+00   -2145.8
0.00000E+00   0.00000E+00   0.00000E+00
548       0       0   0.00000E+00   0.00000E+00   -2110.7
0.00000E+00   0.00000E+00   0.00000E+00
549       0       0   0.00000E+00   0.00000E+00   -1945.7
0.00000E+00   0.00000E+00   0.00000E+00
550       0       0   0.00000E+00   0.00000E+00   -2677.0
0.00000E+00   0.00000E+00   0.00000E+00
551       0       0   0.00000E+00   0.00000E+00   -3151.4
0.00000E+00   0.00000E+00   0.00000E+00
552       0       0   0.00000E+00   0.00000E+00   -26471.
0.00000E+00   0.00000E+00   0.00000E+00
553       0       0   0.00000E+00   0.00000E+00   -34200.
0.00000E+00   0.00000E+00   0.00000E+00
554       0       0   0.00000E+00   0.00000E+00   -4646.2
0.00000E+00   0.00000E+00   0.00000E+00
555       0       0   0.00000E+00   0.00000E+00   -2148.5
0.00000E+00   0.00000E+00   0.00000E+00
556       0       0   0.00000E+00   0.00000E+00   -1973.8
0.00000E+00   0.00000E+00   0.00000E+00
557       0       0   0.00000E+00   0.00000E+00   -2178.7
0.00000E+00   0.00000E+00   0.00000E+00
558       0       0   0.00000E+00   0.00000E+00   -2567.3
0.00000E+00   0.00000E+00   0.00000E+00
559       0       0   0.00000E+00   0.00000E+00   -3118.5
0.00000E+00   0.00000E+00   0.00000E+00
560       0       0   0.00000E+00   0.00000E+00   -2577.2
0.00000E+00   0.00000E+00   0.00000E+00
561       0       0   0.00000E+00   0.00000E+00   -2045.0
0.00000E+00   0.00000E+00   0.00000E+00
562       0       0   0.00000E+00   0.00000E+00   -2211.6
0.00000E+00   0.00000E+00   0.00000E+00
563       0       0   0.00000E+00   0.00000E+00   -1951.1
0.00000E+00   0.00000E+00   0.00000E+00
564       0       0   0.00000E+00   0.00000E+00   -1957.0
0.00000E+00   0.00000E+00   0.00000E+00
565       0       0   0.00000E+00   0.00000E+00   -399.94
0.00000E+00   0.00000E+00   0.00000E+00
566       0       0   0.00000E+00   0.00000E+00   -300.05
0.00000E+00   0.00000E+00   0.00000E+00
567       0       0   0.00000E+00   0.00000E+00   -351.52
0.00000E+00   0.00000E+00   0.00000E+00
568       0       0   0.00000E+00   0.00000E+00   -308.30
0.00000E+00   0.00000E+00   0.00000E+00
569       0       0   0.00000E+00   0.00000E+00   -239.73
0.00000E+00   0.00000E+00   0.00000E+00
570       0       0   0.00000E+00   0.00000E+00   -248.94
0.00000E+00   0.00000E+00   0.00000E+00
571       0       0   0.00000E+00   0.00000E+00   -256.24
0.00000E+00   0.00000E+00   0.00000E+00
572       0       0   0.00000E+00   0.00000E+00   -232.42
0.00000E+00   0.00000E+00   0.00000E+00
573       0       0   0.00000E+00   0.00000E+00   -272.76
0.00000E+00   0.00000E+00   0.00000E+00
574       0       0   0.00000E+00   0.00000E+00   -229.85
0.00000E+00   0.00000E+00   0.00000E+00
575       0       0   0.00000E+00   0.00000E+00   -281.64
0.00000E+00   0.00000E+00   0.00000E+00
576       0       0   0.00000E+00   0.00000E+00   -222.91
0.00000E+00   0.00000E+00   0.00000E+00
577       0       0   0.00000E+00   0.00000E+00   -249.00
0.00000E+00   0.00000E+00   0.00000E+00
578       0       0   0.00000E+00   0.00000E+00   -253.32
0.00000E+00   0.00000E+00   0.00000E+00
```

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579        0        0   0.00000E+00   0.00000E+00   -235.35
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -262.81
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -218.77
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -233.91
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -210.54
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -225.76
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -251.53
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -261.86
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -218.77
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -245.09
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -237.32
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -218.77
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -250.68
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -154.96
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -720.25
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -2223.7
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2190.4
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2571.8
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2272.7
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -2937.0
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -2932.0
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2471.0
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2190.9
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2505.1
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2338.9
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2224.8
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -3046.6
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -22180.
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -71917.
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -43127.
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -5694.6
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2405.0
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2225.3
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2503.8
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2898.5
```

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0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3539.6
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2904.6
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2371.7
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2471.1
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1885.2
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -1719.1
0.00000E+00   0.00000E+00   0.00000E+00
622        0        0   0.00000E+00   0.00000E+00   -181.83
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2187.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2058.0
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1922.9
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2332.1
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1922.2
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2608.6
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.4
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659        0        0   0.00000E+00   0.00000E+00   -2057.1
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1925.2
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2329.5
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1922.6
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2062.6
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2651.5
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -41070.
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666        0        0   0.00000E+00   0.00000E+00   -81675.
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -2242.4
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2351.9
0.00000E+00   0.00000E+00   0.00000E+00
669        0        0   0.00000E+00   0.00000E+00   -1922.9
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2064.9
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.9
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.2
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.9
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2324.2
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1923.3
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -683.91
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -9.4455
0.00000E+00   0.00000E+00   0.00000E+00
```

```
679        0        0   0.00000E+00   0.00000E+00  -0.99904
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1886.5
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4272.7
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4068.8
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3773.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4475.1
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3865.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5068.2
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714        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5044.4
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716        0        0   0.00000E+00   0.00000E+00   -4252.2
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3775.4
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4288.5
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -4050.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -3870.2
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721        0        0   0.00000E+00   0.00000E+00   -20665.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00  -0.13359E+06
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00  -0.11189E+06
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3836.2
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4101.9
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -4235.7
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -3871.8
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4116.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -5102.1
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6091.3
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -5053.2
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4050.2
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3773.1
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -600.15
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764        0        0   0.00000E+00   0.00000E+00   -3796.4
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8554.7
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8216.8
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7592.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -8892.6
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7879.0
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10141.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12238.
```

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      0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -9967.2
      0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8789.3
      0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7592.7
      0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -8320.1
      0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -8451.5
      0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -7592.7
      0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -31935.
      0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
      0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -40681.
      0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7775.7
      0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -7747.6
      0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -9024.0
      0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -7592.7
      0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8085.4
      0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -10436.
      0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12238.
      0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -10375.
      0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -7592.7
      0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7592.7
      0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -417.65
      0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1674.5
      0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3773.3
      0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3624.3
      0.00000E+00   0.00000E+00   0.00000E+00
824        0        0   0.00000E+00   0.00000E+00   -3349.0
      0.00000E+00   0.00000E+00   0.00000E+00
825        0        0   0.00000E+00   0.00000E+00   -3922.3
      0.00000E+00   0.00000E+00   0.00000E+00
826        0        0   0.00000E+00   0.00000E+00   -3475.2
      0.00000E+00   0.00000E+00   0.00000E+00
827        0        0   0.00000E+00   0.00000E+00   -4472.9
      0.00000E+00   0.00000E+00   0.00000E+00
828        0        0   0.00000E+00   0.00000E+00   -5398.1
      0.00000E+00   0.00000E+00   0.00000E+00
829        0        0   0.00000E+00   0.00000E+00   -4396.3
      0.00000E+00   0.00000E+00   0.00000E+00
830        0        0   0.00000E+00   0.00000E+00   -3876.8
      0.00000E+00   0.00000E+00   0.00000E+00
831        0        0   0.00000E+00   0.00000E+00   -3349.0
      0.00000E+00   0.00000E+00   0.00000E+00
832        0        0   0.00000E+00   0.00000E+00   -3669.8
      0.00000E+00   0.00000E+00   0.00000E+00
833        0        0   0.00000E+00   0.00000E+00   -3727.8
      0.00000E+00   0.00000E+00   0.00000E+00
834        0        0   0.00000E+00   0.00000E+00   -3349.0
      0.00000E+00   0.00000E+00   0.00000E+00
835        0        0   0.00000E+00   0.00000E+00   -23958.
      0.00000E+00   0.00000E+00   0.00000E+00
836        0        0   0.00000E+00   0.00000E+00  -0.11368E+06
      0.00000E+00   0.00000E+00   0.00000E+00
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 837 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -31765. | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 838 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3429.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 839 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3417.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 840 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3980.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 841 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 842 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3566.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 843 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4603.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 844 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -5398.1 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 845 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -4576.4 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 846 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 847 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -3349.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 848 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -184.21 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 256
LARGEST NODE OR ELEMENT NUMBER = 848

L O A D C A S E 703

CDM_TRsx - My (My) @ 81 - Positive - Frequent

| CONCENTRATED LOAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | | | |
| FORCE | FORCE | FORCE | | | | | | |
| NODE | NODE | RNCE | FX | FY | FZ | | | |
| MX | MY | MZ | | | | | | |
| 481 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -167.10 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 482 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -323.36 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 483 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -271.27 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 484 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -288.29 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 485 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -805.89 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 486 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 487 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1329.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 488 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -987.00 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 489 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1172.3 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 490 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1000.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 491 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1010.0 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 492 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1161.7 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 493 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1267.2 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |
| 494 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -1585.6 | | | |
| 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | | | | | | |

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495        0        0   0.00000E+00   0.00000E+00   -1294.2
0.00000E+00   0.00000E+00   0.00000E+00
496        0        0   0.00000E+00   0.00000E+00   -1078.1
0.00000E+00   0.00000E+00   0.00000E+00
497        0        0   0.00000E+00   0.00000E+00   -1096.2
0.00000E+00   0.00000E+00   0.00000E+00
498        0        0   0.00000E+00   0.00000E+00   -985.09
0.00000E+00   0.00000E+00   0.00000E+00
499        0        0   0.00000E+00   0.00000E+00   -1113.4
0.00000E+00   0.00000E+00   0.00000E+00
500        0        0   0.00000E+00   0.00000E+00   -1060.8
0.00000E+00   0.00000E+00   0.00000E+00
501        0        0   0.00000E+00   0.00000E+00   -1300.0
0.00000E+00   0.00000E+00   0.00000E+00
502        0        0   0.00000E+00   0.00000E+00   -1585.6
0.00000E+00   0.00000E+00   0.00000E+00
503        0        0   0.00000E+00   0.00000E+00   -1261.5
0.00000E+00   0.00000E+00   0.00000E+00
504        0        0   0.00000E+00   0.00000E+00   -1178.9
0.00000E+00   0.00000E+00   0.00000E+00
505        0        0   0.00000E+00   0.00000E+00   -992.74
0.00000E+00   0.00000E+00   0.00000E+00
506        0        0   0.00000E+00   0.00000E+00   -1000.4
0.00000E+00   0.00000E+00   0.00000E+00
507        0        0   0.00000E+00   0.00000E+00   -887.64
0.00000E+00   0.00000E+00   0.00000E+00
508        0        0   0.00000E+00   0.00000E+00   -713.81
0.00000E+00   0.00000E+00   0.00000E+00
509        0        0   0.00000E+00   0.00000E+00   -964.51
0.00000E+00   0.00000E+00   0.00000E+00
510        0        0   0.00000E+00   0.00000E+00   -1148.2
0.00000E+00   0.00000E+00   0.00000E+00
511        0        0   0.00000E+00   0.00000E+00   -985.90
0.00000E+00   0.00000E+00   0.00000E+00
512        0        0   0.00000E+00   0.00000E+00   -819.52
0.00000E+00   0.00000E+00   0.00000E+00
513        0        0   0.00000E+00   0.00000E+00   -778.99
0.00000E+00   0.00000E+00   0.00000E+00
514        0        0   0.00000E+00   0.00000E+00   -869.95
0.00000E+00   0.00000E+00   0.00000E+00
515        0        0   0.00000E+00   0.00000E+00   -738.47
0.00000E+00   0.00000E+00   0.00000E+00
516        0        0   0.00000E+00   0.00000E+00   -900.57
0.00000E+00   0.00000E+00   0.00000E+00
517        0        0   0.00000E+00   0.00000E+00   -761.28
0.00000E+00   0.00000E+00   0.00000E+00
518        0        0   0.00000E+00   0.00000E+00   -890.28
0.00000E+00   0.00000E+00   0.00000E+00
519        0        0   0.00000E+00   0.00000E+00   -754.35
0.00000E+00   0.00000E+00   0.00000E+00
520        0        0   0.00000E+00   0.00000E+00   -791.11
0.00000E+00   0.00000E+00   0.00000E+00
521        0        0   0.00000E+00   0.00000E+00   -849.24
0.00000E+00   0.00000E+00   0.00000E+00
522        0        0   0.00000E+00   0.00000E+00   -749.27
0.00000E+00   0.00000E+00   0.00000E+00
523        0        0   0.00000E+00   0.00000E+00   -875.69
0.00000E+00   0.00000E+00   0.00000E+00
524        0        0   0.00000E+00   0.00000E+00   -713.81
0.00000E+00   0.00000E+00   0.00000E+00
525        0        0   0.00000E+00   0.00000E+00   -748.26
0.00000E+00   0.00000E+00   0.00000E+00
526        0        0   0.00000E+00   0.00000E+00   -698.51
0.00000E+00   0.00000E+00   0.00000E+00
527        0        0   0.00000E+00   0.00000E+00   -742.52
0.00000E+00   0.00000E+00   0.00000E+00
528        0        0   0.00000E+00   0.00000E+00   -811.41
0.00000E+00   0.00000E+00   0.00000E+00
529        0        0   0.00000E+00   0.00000E+00   -863.08
0.00000E+00   0.00000E+00   0.00000E+00
530        0        0   0.00000E+00   0.00000E+00   -713.81
0.00000E+00   0.00000E+00   0.00000E+00
531        0        0   0.00000E+00   0.00000E+00   -794.19
```

```
0.00000E+00   0.00000E+00   0.00000E+00
532        0        0   0.00000E+00   0.00000E+00   -780.79
0.00000E+00   0.00000E+00   0.00000E+00
533        0        0   0.00000E+00   0.00000E+00   -713.81
0.00000E+00   0.00000E+00   0.00000E+00
534        0        0   0.00000E+00   0.00000E+00   -837.66
0.00000E+00   0.00000E+00   0.00000E+00
535        0        0   0.00000E+00   0.00000E+00   -8799.1
0.00000E+00   0.00000E+00   0.00000E+00
538        0        0   0.00000E+00   0.00000E+00   -1057.4
0.00000E+00   0.00000E+00   0.00000E+00
539        0        0   0.00000E+00   0.00000E+00   -2046.3
0.00000E+00   0.00000E+00   0.00000E+00
540        0        0   0.00000E+00   0.00000E+00   -1716.7
0.00000E+00   0.00000E+00   0.00000E+00
541        0        0   0.00000E+00   0.00000E+00   -1824.4
0.00000E+00   0.00000E+00   0.00000E+00
542        0        0   0.00000E+00   0.00000E+00   -2495.3
0.00000E+00   0.00000E+00   0.00000E+00
543        0        0   0.00000E+00   0.00000E+00   -3119.1
0.00000E+00   0.00000E+00   0.00000E+00
544        0        0   0.00000E+00   0.00000E+00   -2640.1
0.00000E+00   0.00000E+00   0.00000E+00
545        0        0   0.00000E+00   0.00000E+00   -1935.8
0.00000E+00   0.00000E+00   0.00000E+00
546        0        0   0.00000E+00   0.00000E+00   -2244.1
0.00000E+00   0.00000E+00   0.00000E+00
547        0        0   0.00000E+00   0.00000E+00   -2029.8
0.00000E+00   0.00000E+00   0.00000E+00
548        0        0   0.00000E+00   0.00000E+00   -1942.8
0.00000E+00   0.00000E+00   0.00000E+00
549        0        0   0.00000E+00   0.00000E+00   -2315.4
0.00000E+00   0.00000E+00   0.00000E+00
550        0        0   0.00000E+00   0.00000E+00   -2487.4
0.00000E+00   0.00000E+00   0.00000E+00
551        0        0   0.00000E+00   0.00000E+00   -3119.1
0.00000E+00   0.00000E+00   0.00000E+00
552        0        0   0.00000E+00   0.00000E+00   -2554.7
0.00000E+00   0.00000E+00   0.00000E+00
553        0        0   0.00000E+00   0.00000E+00   -2097.2
0.00000E+00   0.00000E+00   0.00000E+00
554        0        0   0.00000E+00   0.00000E+00   -2177.3
0.00000E+00   0.00000E+00   0.00000E+00
555        0        0   0.00000E+00   0.00000E+00   -1935.2
0.00000E+00   0.00000E+00   0.00000E+00
556        0        0   0.00000E+00   0.00000E+00   -2182.6
0.00000E+00   0.00000E+00   0.00000E+00
557        0        0   0.00000E+00   0.00000E+00   -2091.9
0.00000E+00   0.00000E+00   0.00000E+00
558        0        0   0.00000E+00   0.00000E+00   -2556.5
0.00000E+00   0.00000E+00   0.00000E+00
559        0        0   0.00000E+00   0.00000E+00   -3119.1
0.00000E+00   0.00000E+00   0.00000E+00
560        0        0   0.00000E+00   0.00000E+00   -2485.7
0.00000E+00   0.00000E+00   0.00000E+00
561        0        0   0.00000E+00   0.00000E+00   -2320.6
0.00000E+00   0.00000E+00   0.00000E+00
562        0        0   0.00000E+00   0.00000E+00   -1937.5
0.00000E+00   0.00000E+00   0.00000E+00
563        0        0   0.00000E+00   0.00000E+00   -1939.9
0.00000E+00   0.00000E+00   0.00000E+00
564        0        0   0.00000E+00   0.00000E+00   -523.29
0.00000E+00   0.00000E+00   0.00000E+00
565        0        0   0.00000E+00   0.00000E+00   -218.51
0.00000E+00   0.00000E+00   0.00000E+00
566        0        0   0.00000E+00   0.00000E+00   -295.26
0.00000E+00   0.00000E+00   0.00000E+00
567        0        0   0.00000E+00   0.00000E+00   -351.50
0.00000E+00   0.00000E+00   0.00000E+00
568        0        0   0.00000E+00   0.00000E+00   -301.81
0.00000E+00   0.00000E+00   0.00000E+00
569        0        0   0.00000E+00   0.00000E+00   -250.87
0.00000E+00   0.00000E+00   0.00000E+00
```

```
570        0        0   0.00000E+00   0.00000E+00   -238.47
0.00000E+00   0.00000E+00   0.00000E+00
571        0        0   0.00000E+00   0.00000E+00   -266.31
0.00000E+00   0.00000E+00   0.00000E+00
572        0        0   0.00000E+00   0.00000E+00   -226.06
0.00000E+00   0.00000E+00   0.00000E+00
573        0        0   0.00000E+00   0.00000E+00   -275.68
0.00000E+00   0.00000E+00   0.00000E+00
574        0        0   0.00000E+00   0.00000E+00   -233.05
0.00000E+00   0.00000E+00   0.00000E+00
575        0        0   0.00000E+00   0.00000E+00   -272.54
0.00000E+00   0.00000E+00   0.00000E+00
576        0        0   0.00000E+00   0.00000E+00   -230.92
0.00000E+00   0.00000E+00   0.00000E+00
577        0        0   0.00000E+00   0.00000E+00   -242.18
0.00000E+00   0.00000E+00   0.00000E+00
578        0        0   0.00000E+00   0.00000E+00   -259.97
0.00000E+00   0.00000E+00   0.00000E+00
579        0        0   0.00000E+00   0.00000E+00   -229.37
0.00000E+00   0.00000E+00   0.00000E+00
580        0        0   0.00000E+00   0.00000E+00   -268.07
0.00000E+00   0.00000E+00   0.00000E+00
581        0        0   0.00000E+00   0.00000E+00   -218.51
0.00000E+00   0.00000E+00   0.00000E+00
582        0        0   0.00000E+00   0.00000E+00   -229.06
0.00000E+00   0.00000E+00   0.00000E+00
583        0        0   0.00000E+00   0.00000E+00   -213.83
0.00000E+00   0.00000E+00   0.00000E+00
584        0        0   0.00000E+00   0.00000E+00   -227.30
0.00000E+00   0.00000E+00   0.00000E+00
585        0        0   0.00000E+00   0.00000E+00   -248.39
0.00000E+00   0.00000E+00   0.00000E+00
586        0        0   0.00000E+00   0.00000E+00   -264.21
0.00000E+00   0.00000E+00   0.00000E+00
587        0        0   0.00000E+00   0.00000E+00   -218.51
0.00000E+00   0.00000E+00   0.00000E+00
588        0        0   0.00000E+00   0.00000E+00   -243.12
0.00000E+00   0.00000E+00   0.00000E+00
589        0        0   0.00000E+00   0.00000E+00   -239.02
0.00000E+00   0.00000E+00   0.00000E+00
590        0        0   0.00000E+00   0.00000E+00   -218.51
0.00000E+00   0.00000E+00   0.00000E+00
591        0        0   0.00000E+00   0.00000E+00   -379.93
0.00000E+00   0.00000E+00   0.00000E+00
592        0        0   0.00000E+00   0.00000E+00   -30014.
0.00000E+00   0.00000E+00   0.00000E+00
593        0        0   0.00000E+00   0.00000E+00   -235.51
0.00000E+00   0.00000E+00   0.00000E+00
594        0        0   0.00000E+00   0.00000E+00   -538.42
0.00000E+00   0.00000E+00   0.00000E+00
595        0        0   0.00000E+00   0.00000E+00   -1565.8
0.00000E+00   0.00000E+00   0.00000E+00
596        0        0   0.00000E+00   0.00000E+00   -2525.0
0.00000E+00   0.00000E+00   0.00000E+00
597        0        0   0.00000E+00   0.00000E+00   -2294.6
0.00000E+00   0.00000E+00   0.00000E+00
598        0        0   0.00000E+00   0.00000E+00   -2302.0
0.00000E+00   0.00000E+00   0.00000E+00
599        0        0   0.00000E+00   0.00000E+00   -3010.8
0.00000E+00   0.00000E+00   0.00000E+00
600        0        0   0.00000E+00   0.00000E+00   -3540.2
0.00000E+00   0.00000E+00   0.00000E+00
601        0        0   0.00000E+00   0.00000E+00   -3006.0
0.00000E+00   0.00000E+00   0.00000E+00
602        0        0   0.00000E+00   0.00000E+00   -2226.9
0.00000E+00   0.00000E+00   0.00000E+00
603        0        0   0.00000E+00   0.00000E+00   -2460.1
0.00000E+00   0.00000E+00   0.00000E+00
604        0        0   0.00000E+00   0.00000E+00   -2389.0
0.00000E+00   0.00000E+00   0.00000E+00
605        0        0   0.00000E+00   0.00000E+00   -2193.9
0.00000E+00   0.00000E+00   0.00000E+00
606        0        0   0.00000E+00   0.00000E+00   -2572.5
```

```
0.00000E+00   0.00000E+00   0.00000E+00
607        0        0   0.00000E+00   0.00000E+00   -2864.0
0.00000E+00   0.00000E+00   0.00000E+00
608        0        0   0.00000E+00   0.00000E+00   -3540.2
0.00000E+00   0.00000E+00   0.00000E+00
609        0        0   0.00000E+00   0.00000E+00   -2915.3
0.00000E+00   0.00000E+00   0.00000E+00
610        0        0   0.00000E+00   0.00000E+00   -2336.2
0.00000E+00   0.00000E+00   0.00000E+00
611        0        0   0.00000E+00   0.00000E+00   -2512.9
0.00000E+00   0.00000E+00   0.00000E+00
612        0        0   0.00000E+00   0.00000E+00   -2193.9
0.00000E+00   0.00000E+00   0.00000E+00
613        0        0   0.00000E+00   0.00000E+00   -2448.6
0.00000E+00   0.00000E+00   0.00000E+00
614        0        0   0.00000E+00   0.00000E+00   -2400.5
0.00000E+00   0.00000E+00   0.00000E+00
615        0        0   0.00000E+00   0.00000E+00   -2893.8
0.00000E+00   0.00000E+00   0.00000E+00
616        0        0   0.00000E+00   0.00000E+00   -3540.2
0.00000E+00   0.00000E+00   0.00000E+00
617        0        0   0.00000E+00   0.00000E+00   -2821.2
0.00000E+00   0.00000E+00   0.00000E+00
618        0        0   0.00000E+00   0.00000E+00   -2636.8
0.00000E+00   0.00000E+00   0.00000E+00
619        0        0   0.00000E+00   0.00000E+00   -2193.9
0.00000E+00   0.00000E+00   0.00000E+00
620        0        0   0.00000E+00   0.00000E+00   -1889.0
0.00000E+00   0.00000E+00   0.00000E+00
621        0        0   0.00000E+00   0.00000E+00   -265.31
0.00000E+00   0.00000E+00   0.00000E+00
648        0        0   0.00000E+00   0.00000E+00   -138.20
0.00000E+00   0.00000E+00   0.00000E+00
649        0        0   0.00000E+00   0.00000E+00   -66523.
0.00000E+00   0.00000E+00   0.00000E+00
650        0        0   0.00000E+00   0.00000E+00   -956.16
0.00000E+00   0.00000E+00   0.00000E+00
651        0        0   0.00000E+00   0.00000E+00   -2186.0
0.00000E+00   0.00000E+00   0.00000E+00
652        0        0   0.00000E+00   0.00000E+00   -2054.4
0.00000E+00   0.00000E+00   0.00000E+00
653        0        0   0.00000E+00   0.00000E+00   -1924.7
0.00000E+00   0.00000E+00   0.00000E+00
654        0        0   0.00000E+00   0.00000E+00   -2330.6
0.00000E+00   0.00000E+00   0.00000E+00
655        0        0   0.00000E+00   0.00000E+00   -1922.4
0.00000E+00   0.00000E+00   0.00000E+00
656        0        0   0.00000E+00   0.00000E+00   -2609.0
0.00000E+00   0.00000E+00   0.00000E+00
657        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
658        0        0   0.00000E+00   0.00000E+00   -2655.8
0.00000E+00   0.00000E+00   0.00000E+00
659        0        0   0.00000E+00   0.00000E+00   -2055.8
0.00000E+00   0.00000E+00   0.00000E+00
660        0        0   0.00000E+00   0.00000E+00   -1926.7
0.00000E+00   0.00000E+00   0.00000E+00
661        0        0   0.00000E+00   0.00000E+00   -2328.8
0.00000E+00   0.00000E+00   0.00000E+00
662        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
663        0        0   0.00000E+00   0.00000E+00   -2064.5
0.00000E+00   0.00000E+00   0.00000E+00
664        0        0   0.00000E+00   0.00000E+00   -2650.5
0.00000E+00   0.00000E+00   0.00000E+00
665        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
666        0        0   0.00000E+00   0.00000E+00   -2606.2
0.00000E+00   0.00000E+00   0.00000E+00
667        0        0   0.00000E+00   0.00000E+00   -1928.3
0.00000E+00   0.00000E+00   0.00000E+00
668        0        0   0.00000E+00   0.00000E+00   -2327.2
0.00000E+00   0.00000E+00   0.00000E+00
```

```
669        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
670        0        0   0.00000E+00   0.00000E+00   -2066.1
0.00000E+00   0.00000E+00   0.00000E+00
671        0        0   0.00000E+00   0.00000E+00   -2189.4
0.00000E+00   0.00000E+00   0.00000E+00
672        0        0   0.00000E+00   0.00000E+00   -2519.1
0.00000E+00   0.00000E+00   0.00000E+00
673        0        0   0.00000E+00   0.00000E+00   -3111.6
0.00000E+00   0.00000E+00   0.00000E+00
674        0        0   0.00000E+00   0.00000E+00   -2476.4
0.00000E+00   0.00000E+00   0.00000E+00
675        0        0   0.00000E+00   0.00000E+00   -2325.6
0.00000E+00   0.00000E+00   0.00000E+00
676        0        0   0.00000E+00   0.00000E+00   -1921.8
0.00000E+00   0.00000E+00   0.00000E+00
677        0        0   0.00000E+00   0.00000E+00   -683.93
0.00000E+00   0.00000E+00   0.00000E+00
678        0        0   0.00000E+00   0.00000E+00   -1.4578
0.00000E+00   0.00000E+00   0.00000E+00
705        0        0   0.00000E+00   0.00000E+00   -32.999
0.00000E+00   0.00000E+00   0.00000E+00
706        0        0   0.00000E+00   0.00000E+00   -59171.
0.00000E+00   0.00000E+00   0.00000E+00
707        0        0   0.00000E+00   0.00000E+00   -1880.3
0.00000E+00   0.00000E+00   0.00000E+00
708        0        0   0.00000E+00   0.00000E+00   -4298.8
0.00000E+00   0.00000E+00   0.00000E+00
709        0        0   0.00000E+00   0.00000E+00   -4028.6
0.00000E+00   0.00000E+00   0.00000E+00
710        0        0   0.00000E+00   0.00000E+00   -3762.8
0.00000E+00   0.00000E+00   0.00000E+00
711        0        0   0.00000E+00   0.00000E+00   -4564.5
0.00000E+00   0.00000E+00   0.00000E+00
712        0        0   0.00000E+00   0.00000E+00   -3760.6
0.00000E+00   0.00000E+00   0.00000E+00
713        0        0   0.00000E+00   0.00000E+00   -5104.9
0.00000E+00   0.00000E+00   0.00000E+00
714        0        0   0.00000E+00   0.00000E+00   -6089.0
0.00000E+00   0.00000E+00   0.00000E+00
715        0        0   0.00000E+00   0.00000E+00   -5197.3
0.00000E+00   0.00000E+00   0.00000E+00
716        0        0   0.00000E+00   0.00000E+00   -4024.0
0.00000E+00   0.00000E+00   0.00000E+00
717        0        0   0.00000E+00   0.00000E+00   -3767.3
0.00000E+00   0.00000E+00   0.00000E+00
718        0        0   0.00000E+00   0.00000E+00   -4560.0
0.00000E+00   0.00000E+00   0.00000E+00
719        0        0   0.00000E+00   0.00000E+00   -3760.6
0.00000E+00   0.00000E+00   0.00000E+00
720        0        0   0.00000E+00   0.00000E+00   -4037.6
0.00000E+00   0.00000E+00   0.00000E+00
721        0        0   0.00000E+00   0.00000E+00   -28375.
0.00000E+00   0.00000E+00   0.00000E+00
722        0        0   0.00000E+00   0.00000E+00   -92654.
0.00000E+00   0.00000E+00   0.00000E+00
723        0        0   0.00000E+00   0.00000E+00   -19013.
0.00000E+00   0.00000E+00   0.00000E+00
724        0        0   0.00000E+00   0.00000E+00   -3771.8
0.00000E+00   0.00000E+00   0.00000E+00
725        0        0   0.00000E+00   0.00000E+00   -4555.5
0.00000E+00   0.00000E+00   0.00000E+00
726        0        0   0.00000E+00   0.00000E+00   -3760.6
0.00000E+00   0.00000E+00   0.00000E+00
727        0        0   0.00000E+00   0.00000E+00   -4042.1
0.00000E+00   0.00000E+00   0.00000E+00
728        0        0   0.00000E+00   0.00000E+00   -4285.3
0.00000E+00   0.00000E+00   0.00000E+00
729        0        0   0.00000E+00   0.00000E+00   -4929.3
0.00000E+00   0.00000E+00   0.00000E+00
730        0        0   0.00000E+00   0.00000E+00   -6089.0
0.00000E+00   0.00000E+00   0.00000E+00
731        0        0   0.00000E+00   0.00000E+00   -4846.0
```

```
0.00000E+00   0.00000E+00   0.00000E+00
732        0        0   0.00000E+00   0.00000E+00   -4551.0
0.00000E+00   0.00000E+00   0.00000E+00
733        0        0   0.00000E+00   0.00000E+00   -3760.6
0.00000E+00   0.00000E+00   0.00000E+00
734        0        0   0.00000E+00   0.00000E+00   -1326.3
0.00000E+00   0.00000E+00   0.00000E+00
762        0        0   0.00000E+00   0.00000E+00   -22.265
0.00000E+00   0.00000E+00   0.00000E+00
763        0        0   0.00000E+00   0.00000E+00   -63311.
0.00000E+00   0.00000E+00   0.00000E+00
764        0        0   0.00000E+00   0.00000E+00   -3777.1
0.00000E+00   0.00000E+00   0.00000E+00
765        0        0   0.00000E+00   0.00000E+00   -8635.2
0.00000E+00   0.00000E+00   0.00000E+00
766        0        0   0.00000E+00   0.00000E+00   -8092.4
0.00000E+00   0.00000E+00   0.00000E+00
767        0        0   0.00000E+00   0.00000E+00   -7558.7
0.00000E+00   0.00000E+00   0.00000E+00
768        0        0   0.00000E+00   0.00000E+00   -9169.0
0.00000E+00   0.00000E+00   0.00000E+00
769        0        0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
770        0        0   0.00000E+00   0.00000E+00   -10255.
0.00000E+00   0.00000E+00   0.00000E+00
771        0        0   0.00000E+00   0.00000E+00   -12231.
0.00000E+00   0.00000E+00   0.00000E+00
772        0        0   0.00000E+00   0.00000E+00   -10440.
0.00000E+00   0.00000E+00   0.00000E+00
773        0        0   0.00000E+00   0.00000E+00   -8083.4
0.00000E+00   0.00000E+00   0.00000E+00
774        0        0   0.00000E+00   0.00000E+00   -7567.7
0.00000E+00   0.00000E+00   0.00000E+00
775        0        0   0.00000E+00   0.00000E+00   -9160.0
0.00000E+00   0.00000E+00   0.00000E+00
776        0        0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
777        0        0   0.00000E+00   0.00000E+00   -8110.5
0.00000E+00   0.00000E+00   0.00000E+00
778        0        0   0.00000E+00   0.00000E+00   -42606.
0.00000E+00   0.00000E+00   0.00000E+00
779        0        0   0.00000E+00   0.00000E+00  -0.13239E+06
0.00000E+00   0.00000E+00   0.00000E+00
780        0        0   0.00000E+00   0.00000E+00   -29556.
0.00000E+00   0.00000E+00   0.00000E+00
781        0        0   0.00000E+00   0.00000E+00   -7576.8
0.00000E+00   0.00000E+00   0.00000E+00
782        0        0   0.00000E+00   0.00000E+00   -9150.9
0.00000E+00   0.00000E+00   0.00000E+00
783        0        0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
784        0        0   0.00000E+00   0.00000E+00   -8119.6
0.00000E+00   0.00000E+00   0.00000E+00
785        0        0   0.00000E+00   0.00000E+00   -8608.1
0.00000E+00   0.00000E+00   0.00000E+00
786        0        0   0.00000E+00   0.00000E+00   -9901.8
0.00000E+00   0.00000E+00   0.00000E+00
787        0        0   0.00000E+00   0.00000E+00   -12231.
0.00000E+00   0.00000E+00   0.00000E+00
788        0        0   0.00000E+00   0.00000E+00   -9734.4
0.00000E+00   0.00000E+00   0.00000E+00
789        0        0   0.00000E+00   0.00000E+00   -9141.9
0.00000E+00   0.00000E+00   0.00000E+00
790        0        0   0.00000E+00   0.00000E+00   -7554.1
0.00000E+00   0.00000E+00   0.00000E+00
791        0        0   0.00000E+00   0.00000E+00   -2664.3
0.00000E+00   0.00000E+00   0.00000E+00
821        0        0   0.00000E+00   0.00000E+00   -1666.0
0.00000E+00   0.00000E+00   0.00000E+00
822        0        0   0.00000E+00   0.00000E+00   -3808.8
0.00000E+00   0.00000E+00   0.00000E+00
823        0        0   0.00000E+00   0.00000E+00   -3569.4
0.00000E+00   0.00000E+00   0.00000E+00
```

```
824       0       0   0.00000E+00   0.00000E+00   -3334.0
0.00000E+00   0.00000E+00   0.00000E+00
825       0       0   0.00000E+00   0.00000E+00   -4044.2
0.00000E+00   0.00000E+00   0.00000E+00
826       0       0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
827       0       0   0.00000E+00   0.00000E+00   -4523.1
0.00000E+00   0.00000E+00   0.00000E+00
828       0       0   0.00000E+00   0.00000E+00   -5395.0
0.00000E+00   0.00000E+00   0.00000E+00
829       0       0   0.00000E+00   0.00000E+00   -4604.9
0.00000E+00   0.00000E+00   0.00000E+00
830       0       0   0.00000E+00   0.00000E+00   -3565.4
0.00000E+00   0.00000E+00   0.00000E+00
831       0       0   0.00000E+00   0.00000E+00   -3337.9
0.00000E+00   0.00000E+00   0.00000E+00
832       0       0   0.00000E+00   0.00000E+00   -4040.2
0.00000E+00   0.00000E+00   0.00000E+00
833       0       0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
834       0       0   0.00000E+00   0.00000E+00   -3577.4
0.00000E+00   0.00000E+00   0.00000E+00
835       0       0   0.00000E+00   0.00000E+00   -33601.
0.00000E+00   0.00000E+00   0.00000E+00
836       0       0   0.00000E+00   0.00000E+00  -0.11368E+06
0.00000E+00   0.00000E+00   0.00000E+00
837       0       0   0.00000E+00   0.00000E+00   -21921.
0.00000E+00   0.00000E+00   0.00000E+00
838       0       0   0.00000E+00   0.00000E+00   -3341.9
0.00000E+00   0.00000E+00   0.00000E+00
839       0       0   0.00000E+00   0.00000E+00   -4036.3
0.00000E+00   0.00000E+00   0.00000E+00
840       0       0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
841       0       0   0.00000E+00   0.00000E+00   -3581.4
0.00000E+00   0.00000E+00   0.00000E+00
842       0       0   0.00000E+00   0.00000E+00   -3796.8
0.00000E+00   0.00000E+00   0.00000E+00
843       0       0   0.00000E+00   0.00000E+00   -4367.5
0.00000E+00   0.00000E+00   0.00000E+00
844       0       0   0.00000E+00   0.00000E+00   -5395.0
0.00000E+00   0.00000E+00   0.00000E+00
845       0       0   0.00000E+00   0.00000E+00   -4293.6
0.00000E+00   0.00000E+00   0.00000E+00
846       0       0   0.00000E+00   0.00000E+00   -4032.3
0.00000E+00   0.00000E+00   0.00000E+00
847       0       0   0.00000E+00   0.00000E+00   -3332.0
0.00000E+00   0.00000E+00   0.00000E+00
848       0       0   0.00000E+00   0.00000E+00   -1175.2
0.00000E+00   0.00000E+00   0.00000E+00

    NUMBER OF LOADED NODES OR ELEMENTS          =          258
    LARGEST NODE OR ELEMENT NUMBER              =          848



    DATA STORAGE LOCATIONS USED                 =       446950



    E L E M E N T   O U T P U T


    ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER


    FIRST    LAST    DIFF          OUTPUT      AVERAGED NODAL
    NODAL FORCE      HISTORY       PLOT FILE
     ELT     ELT     RNCE          CONTROL     VALUES GROUP
     OUTPUT GROUP     CONTROL       CONTROL
```

| | | | | | |
|---|---|---|---|---|---|
| 1 | 1005 | 1 | 0 | 0 | |
| 0 | 0 | 0 | | | |

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1005
LARGEST ELEMENT NUMBER INPUT = 1005
LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFFRNCE | OUTPUT CONTROL | HISTORY CONTROL |
|---|---|---|---|---|
| 1 | 1500 | 1 | 0 | 0 |

TOTAL NUMBER OF NODE OUTPUT SETS = 1
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 1500
LARGEST NODE OUTPUT CONTROL NUMBER = 0
LARGEST NODE HISTORY CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 0

S U M M A R Y O F D A T A

TOTAL NUMBER OF ELEMENTS = 1005
TOTAL NUMBER OF CONSTRAINTS = 0
TOTAL NUMBER OF NODES = 1500
TOTAL NUMBER OF SUPPORT NODES = 3
TOTAL NUMBER OF LOADING CASES = 200

LOCATIONS USED DURING DATA PROCESSING = 79134589
LOCATIONS AVAILABLE = 98304000

TIME USED TO PROCESS INPUT DATA = 7.9560 SEC.

TIME AT CENTRAL PROCESSOR = 9:57:43 ON 16/04/21 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1901
INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 448

DEFAULT LINEAR SOLVER TYPE : FAST FRONTAL SOLVER SELECTED (SOLTYP PROCESSOR)

E S T I M A T E O F M O D E L G E O M E T R I C P R O P E R T I E S A N D L O A D I N G

| MATERIAL SET | LENGTH | AREA | VOLUME | ELEMENT MASS |
|---|---|---|---|---|
| CENTRE OF GRAVITY | | | | |
| X-COORD | Y-COORD | Z-COORD | | |
| | M | sq M | cu M | KG |

| | M | M | M | |
|---|---|---|---|---|
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 2 | 8.80000 | 731.250 | 408.733 | 0.102183E+07 |
| 40.3383 | 5.62500 | -3.20199 | | |
| 4 | 55.8900 | 0.000000E+00 | 20.7025 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 3 | 60.3600 | 0.000000E+00 | 1.33843 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | | |
| 1 | 299.550 | 0.000000E+00 | 24.8142 | 194791. |
| 40.4098 | 5.62500 | -0.205657 | | |
| 5 | 0.000000E+00 | 22.5000 | 6.75000 | 16875.0 |
| 33.0000 | 5.62500 | 0.000000E+00 | | |
| 7 | 0.000000E+00 | 135.000 | 40.5000 | 101250. |
| 40.0000 | 5.62500 | 0.000000E+00 | | |
| 6 | 0.000000E+00 | 22.5000 | 6.75000 | 16875.0 |
| 47.0000 | 5.62500 | 0.000000E+00 | | |
| TOTALS FOR STRUCTURE | 424.600 | 911.250 | 509.588 | 0.135162E+07 |
| 40.3148 | 5.62500 | -2.45035 | | |

MATERIAL ---------- MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGIN AT (0,0,0) ----------

| SET | Ixx | Iyy | Izz | Ixy |
|---|---|---|---|---|
| Iyz | Ixz | | | |
| | KG M **2 | KG M **2 | KG M **2 | KG M **2 |
| | KG M **2 | KG M **2 | | |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 2 | 0.624634E+08 | 0.207083E+10 | 0.208529E+10 | -0.231857E+09 |
| 0.184044E+08 | 0.130886E+09 | | | |
| 4 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 1 | 0.805250E+07 | 0.420141E+09 | 0.428105E+09 | -0.442770E+08 |
| 225338. | 0.161495E+07 | | | |
| 5 | 718564. | 0.183938E+08 | 0.191123E+08 | -0.313242E+07 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 7 | 0.431138E+07 | 0.163257E+09 | 0.167569E+09 | -0.227813E+08 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 6 | 718564. | 0.372937E+08 | 0.380123E+08 | -0.446133E+07 |
| 0.000000E+00 | 0.000000E+00 | | | |
| TOTALS FOR STRUCTURE | 0.762644E+08 | 0.270992E+10 | 0.273809E+10 | -0.306509E+09 |
| 0.186298E+08 | 0.132501E+09 | | | |

MATERIAL ---------- MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGINS AT CENTROIDS ---------

| SET | Ixx | Iyy | Izz | Ixy |
|---|---|---|---|---|
| Iyz | Ixz | | | |
| | KG M **2 | KG M **2 | KG M **2 | KG M **2 |
| | KG M **2 | KG M **2 | | |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 2 | 0.196554E+08 | 0.397647E+09 | 0.390249E+09 | -0.476837E-06 |
| 0.335276E-07 | -0.109678E+07 | | | |
| 4 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 0.000000E+00 | 0.000000E+00 | | | |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

```
     0.000000E+00    0.000000E+00
    10       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
    0.000000E+00    0.000000E+00
     3       0.000000E+00    0.000000E+00    0.000000E+00    0.000000E+00
     0.000000E+00    0.000000E+00
     1       0.188095E+07    0.102048E+09    0.103858E+09   -0.149012E-07
     0.232831E-09    -3870.89
     5        184628.         16875.0         201503.       -0.465661E-09
     0.000000E+00    0.000000E+00
     7       0.110777E+07    0.125750E+07    0.236527E+07    0.149012E-07
     0.000000E+00    0.000000E+00
     6        184628.         16875.0         201503.        0.000000E+00
     0.000000E+00    0.000000E+00
TOTALS FOR
STRUCTURE    0.253827E+08    0.505025E+09    0.498544E+09   -0.476837E-06
0.298023E-07   -0.101998E+07


MATERIAL      ------------ PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL
AXES ------------------------------------
  SET             I               I               I
                   11              22              33
                  PRINCIPAL DIRECTIONS
              KG  M   **2     KG  M   **2     KG  M   **2

     9       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     2       0.397647E+09    0.390252E+09    0.196521E+08(-0.00,
     1.00,-0.00)(-0.00, 0.00, 1.00)( 1.00, 0.00, 0.00)
     4       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     8       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
    10       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
    0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     3       0.000000E+00    0.000000E+00    0.000000E+00( 1.00, 0.00,
     0.00)( 0.00, 1.00, 0.00)( 0.00, 0.00, 1.00)
     1       0.103858E+09    0.102048E+09    0.188095E+07(-0.00, 0.00,
     1.00)( 0.00, 1.00, 0.00)( 1.00, 0.00, 0.00)
     5        201503.         184628.         16875.0    ( 0.00, 0.00,
     1.00)( 1.00,-0.00, 0.00)( 0.00, 1.00, 0.00)
     7       0.236527E+07    0.125750E+07    0.110777E+07( 0.00, 0.00,
     1.00)( 0.00, 1.00, 0.00)( 1.00,-0.00, 0.00)
     6        201503.         184628.         16875.0    ( 0.00, 0.00,
     1.00)( 1.00, 0.00, 0.00)( 0.00, 1.00, 0.00)
TOTALS FOR
STRUCTURE    0.505025E+09    0.498547E+09    0.253805E+08(-0.00,
1.00,-0.00)(-0.00, 0.00, 1.00)( 1.00, 0.00, 0.00)


FORCE         -------------------- RESULTANT APPLIED LOAD AT ORIGIN IN
GLOBAL DIRECTIONS -------------------
OUTPUT GROUP      Fx              Fy              Fz              Mx
My              Mz
                  N               N               N             N   .M
                  N   .M          N   .M

LOAD CASE         504
TOTALS FOR
STRUCTURE    0.000000E+00    0.000000E+00   -0.295453E+07   -0.209481E+08
0.408678E+08    0.000000E+00

LOAD CASE         505
TOTALS FOR
STRUCTURE    0.000000E+00    0.000000E+00   -0.293184E+07   -0.211001E+08
0.450797E+08    0.000000E+00

LOAD CASE         506
TOTALS FOR
STRUCTURE    0.000000E+00    0.000000E+00   -0.293513E+07   -0.211073E+08
0.497765E+08    0.000000E+00

LOAD CASE         507
```

TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.293513E+07 -0.211073E+08
0.505765E+08 0.000000E+00

LOAD CASE 508
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.293306E+07 -0.210518E+08
0.563897E+08 0.000000E+00

LOAD CASE 509
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.293400E+07 -0.210529E+08
0.579511E+08 0.000000E+00

LOAD CASE 510
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.295369E+07 -0.210750E+08
0.629361E+08 0.000000E+00

LOAD CASE 511
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.294572E+07 -0.210661E+08
0.641177E+08 0.000000E+00

LOAD CASE 512
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.294225E+07 -0.210090E+08
0.650563E+08 0.000000E+00

LOAD CASE 513
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.294891E+07 -0.208975E+08
0.727287E+08 0.000000E+00

LOAD CASE 514
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.240141E+07 -0.168996E+08
0.745842E+08 0.000000E+00

LOAD CASE 515
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.225628E+07 -0.158058E+08
0.728792E+08 0.000000E+00

LOAD CASE 516
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.138044E+07 -0.589985E+07
0.312505E+08 0.000000E+00

LOAD CASE 517
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.138344E+07 -0.588129E+07
0.316094E+08 0.000000E+00

LOAD CASE 518
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.219862E+07 -0.154048E+08
0.104120E+09 0.000000E+00

LOAD CASE 519
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.233625E+07 -0.164705E+08
0.113901E+09 0.000000E+00

LOAD CASE 520
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.298716E+07 -0.212073E+08
0.167006E+09 0.000000E+00

LOAD CASE 521
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.298331E+07 -0.213184E+08
0.173894E+09 0.000000E+00

LOAD CASE 522
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.299631E+07 -0.213827E+08
0.175859E+09 0.000000E+00

LOAD CASE 523
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.298069E+07 -0.213686E+08
0.177576E+09 0.000000E+00

LOAD CASE 524
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297694E+07 -0.213679E+08
0.181760E+09 0.000000E+00

LOAD CASE 525
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297666E+07 -0.214173E+08
0.188030E+09 0.000000E+00

LOAD CASE 526
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297666E+07 -0.214173E+08
0.189230E+09 0.000000E+00

LOAD CASE 527
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297337E+07 -0.214101E+08
0.194011E+09 0.000000E+00

LOAD CASE 528
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.295359E+07 -0.212368E+08
0.198301E+09 0.000000E+00

LOAD CASE 529
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.160181E+07 -0.113193E+08
0.173341E+08 0.000000E+00

LOAD CASE 530
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159274E+07 -0.113800E+08
0.207689E+08 0.000000E+00

LOAD CASE 531
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159405E+07 -0.113829E+08
0.242576E+08 0.000000E+00

LOAD CASE 532
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159405E+07 -0.113829E+08
0.248576E+08 0.000000E+00

LOAD CASE 533
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159322E+07 -0.113607E+08
0.291079E+08 0.000000E+00

LOAD CASE 534
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159360E+07 -0.113612E+08
0.302574E+08 0.000000E+00

LOAD CASE 535
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.160147E+07 -0.113700E+08
0.335289E+08 0.000000E+00

LOAD CASE 536
TOTALS FOR

STRUCTURE 0.000000E+00 0.000000E+00 -0.159829E+07 -0.113664E+08
0.346491E+08 0.000000E+00

LOAD CASE 537
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159690E+07 -0.113436E+08
0.353045E+08 0.000000E+00

LOAD CASE 538
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159956E+07 -0.112990E+08
0.406660E+08 0.000000E+00

LOAD CASE 539
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.138056E+07 -0.969982E+07
0.437707E+08 0.000000E+00

LOAD CASE 540
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.132251E+07 -0.926231E+07
0.432462E+08 0.000000E+00

LOAD CASE 541
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -902175. -0.409244E+07
0.182052E+08 0.000000E+00

LOAD CASE 542
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -903375. -0.408502E+07
0.183488E+08 0.000000E+00

LOAD CASE 543
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.129945E+07 -0.910192E+07
0.610276E+08 0.000000E+00

LOAD CASE 544
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.135450E+07 -0.952819E+07
0.653074E+08 0.000000E+00

LOAD CASE 545
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161486E+07 -0.114229E+08
0.888071E+08 0.000000E+00

LOAD CASE 546
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161333E+07 -0.114674E+08
0.937670E+08 0.000000E+00

LOAD CASE 547
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161853E+07 -0.114931E+08
0.950783E+08 0.000000E+00

LOAD CASE 548
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161228E+07 -0.114875E+08
0.964825E+08 0.000000E+00

LOAD CASE 549
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161078E+07 -0.114872E+08
0.996258E+08 0.000000E+00

LOAD CASE 550
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161066E+07 -0.115069E+08
0.104164E+09 0.000000E+00

LOAD CASE 551
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161066E+07 -0.115069E+08
0.105064E+09 0.000000E+00

LOAD CASE 552
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.160935E+07 -0.115040E+08
0.108709E+09 0.000000E+00

LOAD CASE 553
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.160144E+07 -0.114347E+08
0.112350E+09 0.000000E+00

LOAD CASE 554
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.300356E+07 -0.211906E+08
0.176893E+09 0.000000E+00

LOAD CASE 555
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.302925E+07 -0.210825E+08
0.176282E+09 0.000000E+00

LOAD CASE 556
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.302784E+07 -0.210810E+08
0.176135E+09 0.000000E+00

LOAD CASE 557
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.302784E+07 -0.210810E+08
0.176185E+09 0.000000E+00

LOAD CASE 558
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.302316E+07 -0.210757E+08
0.175821E+09 0.000000E+00

LOAD CASE 559
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.302222E+07 -0.210746E+08
0.175760E+09 0.000000E+00

LOAD CASE 560
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.300253E+07 -0.210525E+08
0.174375E+09 0.000000E+00

LOAD CASE 561
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.301050E+07 -0.210615E+08
0.175093E+09 0.000000E+00

LOAD CASE 562
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.302072E+07 -0.211793E+08
0.174955E+09 0.000000E+00

LOAD CASE 563
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.301594E+07 -0.213020E+08
0.173783E+09 0.000000E+00

LOAD CASE 564
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.356344E+07 -0.253000E+08
0.178678E+09 0.000000E+00

LOAD CASE 565
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.370856E+07 -0.263937E+08

0.180883E+09 0.000000E+00

LOAD CASE 566
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.455166E+07 -0.331067E+08
0.204872E+09 0.000000E+00

LOAD CASE 567
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.456516E+07 -0.332282E+08
0.205544E+09 0.000000E+00

LOAD CASE 568
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.376622E+07 -0.267947E+08
0.124242E+09 0.000000E+00

LOAD CASE 569
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.362859E+07 -0.257290E+08
0.114961E+09 0.000000E+00

LOAD CASE 570
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.296744E+07 -0.209037E+08
0.674741E+08 0.000000E+00

LOAD CASE 571
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297516E+07 -0.208293E+08
0.671507E+08 0.000000E+00

LOAD CASE 572
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.295913E+07 -0.207439E+08
0.664893E+08 0.000000E+00

LOAD CASE 573
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297553E+07 -0.207589E+08
0.668359E+08 0.000000E+00

LOAD CASE 574
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297928E+07 -0.207596E+08
0.668526E+08 0.000000E+00

LOAD CASE 575
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.298631E+07 -0.207710E+08
0.669294E+08 0.000000E+00

LOAD CASE 576
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.298631E+07 -0.207710E+08
0.669294E+08 0.000000E+00

LOAD CASE 577
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.298772E+07 -0.207726E+08
0.669468E+08 0.000000E+00

LOAD CASE 578
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.270137E+07 -0.193889E+08
0.775000E+08 0.000000E+00

LOAD CASE 579
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162143E+07 -0.114162E+08
0.952993E+08 0.000000E+00

LOAD CASE 580

TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.163170E+07 -0.113730E+08
0.945646E+08 0.000000E+00

LOAD CASE 581
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.163114E+07 -0.113724E+08
0.944885E+08 0.000000E+00

LOAD CASE 582
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.163114E+07 -0.113724E+08
0.945260E+08 0.000000E+00

LOAD CASE 583
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162926E+07 -0.113703E+08
0.943629E+08 0.000000E+00

LOAD CASE 584
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162889E+07 -0.113699E+08
0.943383E+08 0.000000E+00

LOAD CASE 585
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162101E+07 -0.113610E+08
0.937668E+08 0.000000E+00

LOAD CASE 586
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162420E+07 -0.113646E+08
0.940717E+08 0.000000E+00

LOAD CASE 587
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162829E+07 -0.114117E+08
0.940166E+08 0.000000E+00

LOAD CASE 588
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162638E+07 -0.114608E+08
0.935303E+08 0.000000E+00

LOAD CASE 589
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.184538E+07 -0.130600E+08
0.954880E+08 0.000000E+00

LOAD CASE 590
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.190343E+07 -0.134975E+08
0.963875E+08 0.000000E+00

LOAD CASE 591
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.224066E+07 -0.161827E+08
0.105966E+09 0.000000E+00

LOAD CASE 592
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.224606E+07 -0.162313E+08
0.106287E+09 0.000000E+00

LOAD CASE 593
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.192649E+07 -0.136579E+08
0.595561E+08 0.000000E+00

LOAD CASE 594
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.187144E+07 -0.132316E+08
0.556513E+08 0.000000E+00

LOAD CASE 595
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.160698E+07 -0.113015E+08
0.366567E+08 0.000000E+00

LOAD CASE 596
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161006E+07 -0.112717E+08
0.365098E+08 0.000000E+00

LOAD CASE 597
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.160365E+07 -0.112376E+08
0.362627E+08 0.000000E+00

LOAD CASE 598
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161021E+07 -0.112435E+08
0.363839E+08 0.000000E+00

LOAD CASE 599
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161171E+07 -0.112438E+08
0.363905E+08 0.000000E+00

LOAD CASE 600
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161452E+07 -0.112484E+08
0.364213E+08 0.000000E+00

LOAD CASE 601
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161452E+07 -0.112484E+08
0.364213E+08 0.000000E+00

LOAD CASE 602
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161509E+07 -0.112490E+08
0.364282E+08 0.000000E+00

LOAD CASE 603
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.139555E+07 -0.101705E+08
0.440935E+08 0.000000E+00

LOAD CASE 604
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.295453E+07 -0.209481E+08
0.408678E+08 0.000000E+00

LOAD CASE 605
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.293184E+07 -0.211001E+08
0.450797E+08 0.000000E+00

LOAD CASE 606
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.293513E+07 -0.211073E+08
0.497765E+08 0.000000E+00

LOAD CASE 607
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.293513E+07 -0.211073E+08
0.505765E+08 0.000000E+00

LOAD CASE 608
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.293306E+07 -0.210518E+08
0.563897E+08 0.000000E+00

LOAD CASE 609
TOTALS FOR

STRUCTURE 0.000000E+00 0.000000E+00 -0.293400E+07 -0.210529E+08
0.579511E+08 0.000000E+00

LOAD CASE 610
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.295369E+07 -0.210750E+08
0.629361E+08 0.000000E+00

LOAD CASE 611
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.294572E+07 -0.210661E+08
0.641177E+08 0.000000E+00

LOAD CASE 612
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.294225E+07 -0.210090E+08
0.650563E+08 0.000000E+00

LOAD CASE 613
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.294891E+07 -0.208975E+08
0.727287E+08 0.000000E+00

LOAD CASE 614
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.240141E+07 -0.168996E+08
0.745842E+08 0.000000E+00

LOAD CASE 615
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.225628E+07 -0.158058E+08
0.728792E+08 0.000000E+00

LOAD CASE 616
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.138044E+07 -0.589985E+07
0.312505E+08 0.000000E+00

LOAD CASE 617
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.138344E+07 -0.588129E+07
0.316094E+08 0.000000E+00

LOAD CASE 618
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.219862E+07 -0.154048E+08
0.104120E+09 0.000000E+00

LOAD CASE 619
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.233625E+07 -0.164705E+08
0.113901E+09 0.000000E+00

LOAD CASE 620
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.298716E+07 -0.212073E+08
0.167006E+09 0.000000E+00

LOAD CASE 621
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.298331E+07 -0.213184E+08
0.173894E+09 0.000000E+00

LOAD CASE 622
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.299631E+07 -0.213827E+08
0.175859E+09 0.000000E+00

LOAD CASE 623
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.298069E+07 -0.213686E+08
0.177576E+09 0.000000E+00

LOAD CASE 624
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297694E+07 -0.213679E+08
0.181760E+09 0.000000E+00

LOAD CASE 625
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297666E+07 -0.214173E+08
0.188030E+09 0.000000E+00

LOAD CASE 626
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297666E+07 -0.214173E+08
0.189230E+09 0.000000E+00

LOAD CASE 627
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297337E+07 -0.214101E+08
0.194011E+09 0.000000E+00

LOAD CASE 628
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.295359E+07 -0.212368E+08
0.198301E+09 0.000000E+00

LOAD CASE 629
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.160181E+07 -0.113193E+08
0.173341E+08 0.000000E+00

LOAD CASE 630
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159274E+07 -0.113800E+08
0.207689E+08 0.000000E+00

LOAD CASE 631
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159405E+07 -0.113829E+08
0.242576E+08 0.000000E+00

LOAD CASE 632
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159405E+07 -0.113829E+08
0.248576E+08 0.000000E+00

LOAD CASE 633
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159322E+07 -0.113607E+08
0.291079E+08 0.000000E+00

LOAD CASE 634
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159360E+07 -0.113612E+08
0.302574E+08 0.000000E+00

LOAD CASE 635
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.160147E+07 -0.113700E+08
0.335289E+08 0.000000E+00

LOAD CASE 636
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159829E+07 -0.113664E+08
0.346491E+08 0.000000E+00

LOAD CASE 637
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159690E+07 -0.113436E+08
0.353045E+08 0.000000E+00

LOAD CASE 638
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.159956E+07 -0.112990E+08

0.406660E+08 0.000000E+00

LOAD CASE 639
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.138056E+07 -0.969982E+07
0.437707E+08 0.000000E+00

LOAD CASE 640
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.132251E+07 -0.926231E+07
0.432462E+08 0.000000E+00

LOAD CASE 641
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -902175. -0.409244E+07
0.182052E+08 0.000000E+00

LOAD CASE 642
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -903375. -0.408502E+07
0.183488E+08 0.000000E+00

LOAD CASE 643
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.129945E+07 -0.910192E+07
0.610276E+08 0.000000E+00

LOAD CASE 644
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.135450E+07 -0.952819E+07
0.653074E+08 0.000000E+00

LOAD CASE 645
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161486E+07 -0.114229E+08
0.888071E+08 0.000000E+00

LOAD CASE 646
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161333E+07 -0.114674E+08
0.937670E+08 0.000000E+00

LOAD CASE 647
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161853E+07 -0.114931E+08
0.950783E+08 0.000000E+00

LOAD CASE 648
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161228E+07 -0.114875E+08
0.964825E+08 0.000000E+00

LOAD CASE 649
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161078E+07 -0.114872E+08
0.996258E+08 0.000000E+00

LOAD CASE 650
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161066E+07 -0.115069E+08
0.104164E+09 0.000000E+00

LOAD CASE 651
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161066E+07 -0.115069E+08
0.105064E+09 0.000000E+00

LOAD CASE 652
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.160935E+07 -0.115040E+08
0.108709E+09 0.000000E+00

LOAD CASE 653

TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.160144E+07 -0.114347E+08
0.112350E+09 0.000000E+00

LOAD CASE 654
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.300356E+07 -0.211906E+08
0.176893E+09 0.000000E+00

LOAD CASE 655
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.302925E+07 -0.210825E+08
0.176282E+09 0.000000E+00

LOAD CASE 656
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.302784E+07 -0.210810E+08
0.176135E+09 0.000000E+00

LOAD CASE 657
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.302784E+07 -0.210810E+08
0.176185E+09 0.000000E+00

LOAD CASE 658
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.302316E+07 -0.210757E+08
0.175821E+09 0.000000E+00

LOAD CASE 659
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.302222E+07 -0.210746E+08
0.175760E+09 0.000000E+00

LOAD CASE 660
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.300253E+07 -0.210525E+08
0.174375E+09 0.000000E+00

LOAD CASE 661
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.301050E+07 -0.210615E+08
0.175093E+09 0.000000E+00

LOAD CASE 662
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.302072E+07 -0.211793E+08
0.174955E+09 0.000000E+00

LOAD CASE 663
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.301594E+07 -0.213020E+08
0.173783E+09 0.000000E+00

LOAD CASE 664
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.356344E+07 -0.253000E+08
0.178678E+09 0.000000E+00

LOAD CASE 665
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.370856E+07 -0.263937E+08
0.180883E+09 0.000000E+00

LOAD CASE 666
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.455166E+07 -0.331067E+08
0.204872E+09 0.000000E+00

LOAD CASE 667
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.456516E+07 -0.332282E+08
0.205544E+09 0.000000E+00

LOAD CASE 668
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.376622E+07 -0.267947E+08
0.124242E+09 0.000000E+00

LOAD CASE 669
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.362859E+07 -0.257290E+08
0.114961E+09 0.000000E+00

LOAD CASE 670
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.296744E+07 -0.209037E+08
0.674741E+08 0.000000E+00

LOAD CASE 671
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297516E+07 -0.208293E+08
0.671507E+08 0.000000E+00

LOAD CASE 672
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.295913E+07 -0.207439E+08
0.664893E+08 0.000000E+00

LOAD CASE 673
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297553E+07 -0.207589E+08
0.668359E+08 0.000000E+00

LOAD CASE 674
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.297928E+07 -0.207596E+08
0.668526E+08 0.000000E+00

LOAD CASE 675
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.298631E+07 -0.207710E+08
0.669294E+08 0.000000E+00

LOAD CASE 676
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.298631E+07 -0.207710E+08
0.669294E+08 0.000000E+00

LOAD CASE 677
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.298772E+07 -0.207726E+08
0.669468E+08 0.000000E+00

LOAD CASE 678
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.270137E+07 -0.193889E+08
0.775000E+08 0.000000E+00

LOAD CASE 679
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162143E+07 -0.114162E+08
0.952993E+08 0.000000E+00

LOAD CASE 680
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.163170E+07 -0.113730E+08
0.945646E+08 0.000000E+00

LOAD CASE 681
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.163114E+07 -0.113724E+08
0.944885E+08 0.000000E+00

LOAD CASE 682
TOTALS FOR

STRUCTURE 0.000000E+00 0.000000E+00 -0.163114E+07 -0.113724E+08
0.945260E+08 0.000000E+00

LOAD CASE 683
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162926E+07 -0.113703E+08
0.943629E+08 0.000000E+00

LOAD CASE 684
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162889E+07 -0.113699E+08
0.943383E+08 0.000000E+00

LOAD CASE 685
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162101E+07 -0.113610E+08
0.937668E+08 0.000000E+00

LOAD CASE 686
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162420E+07 -0.113646E+08
0.940717E+08 0.000000E+00

LOAD CASE 687
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162829E+07 -0.114117E+08
0.940166E+08 0.000000E+00

LOAD CASE 688
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.162638E+07 -0.114608E+08
0.935303E+08 0.000000E+00

LOAD CASE 689
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.184538E+07 -0.130600E+08
0.954880E+08 0.000000E+00

LOAD CASE 690
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.190343E+07 -0.134975E+08
0.963875E+08 0.000000E+00

LOAD CASE 691
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.224066E+07 -0.161827E+08
0.105966E+09 0.000000E+00

LOAD CASE 692
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.224606E+07 -0.162313E+08
0.106287E+09 0.000000E+00

LOAD CASE 693
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.192649E+07 -0.136579E+08
0.595561E+08 0.000000E+00

LOAD CASE 694
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.187144E+07 -0.132316E+08
0.556513E+08 0.000000E+00

LOAD CASE 695
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.160698E+07 -0.113015E+08
0.366567E+08 0.000000E+00

LOAD CASE 696
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161006E+07 -0.112717E+08
0.365098E+08 0.000000E+00

LOAD CASE 697
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.160365E+07 -0.112376E+08
0.362627E+08 0.000000E+00

LOAD CASE 698
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161021E+07 -0.112435E+08
0.363839E+08 0.000000E+00

LOAD CASE 699
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161171E+07 -0.112438E+08
0.363905E+08 0.000000E+00

LOAD CASE 700
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161452E+07 -0.112484E+08
0.364213E+08 0.000000E+00

LOAD CASE 701
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161452E+07 -0.112484E+08
0.364213E+08 0.000000E+00

LOAD CASE 702
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.161509E+07 -0.112490E+08
0.364282E+08 0.000000E+00

LOAD CASE 703
TOTALS FOR
STRUCTURE 0.000000E+00 0.000000E+00 -0.139555E+07 -0.101705E+08
0.440935E+08 0.000000E+00

AVERAGE ASPECT RATIO OF STRUCTURAL ELEMENTS (EXCEPT JOINTS, BARS AND BEAMS) = 1.388
AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2540

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.40999E-01 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 102279

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 7164755
LOCATIONS AVAILABLE = 98304000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 5604
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 5604
TOTAL NO. OF EQUATIONS = 5604
TOTAL NO. OF ACTIVE NODES = 934

NUMBER OF ELEMENT GROUPS = 33
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 32

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 1933417
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 3046691
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 557630
TOTAL SIZE OF ELEMENT DATA RECORDS = 34690918
TOTAL SIZE OF ELEMENT RESULT RECORDS = 72734527
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 34741
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 1279863

TIME FOR PRE-SOLUTION PROCESS = 0.57600 SEC.
(ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 9:57:44 ON 16/04/21 (DAY/MTH/YR)

S O L U T I O N B Y F R O N T A L S P A R S E M A T R I X

T E C H N I Q U E

TIME FOR EQUATION REORDERING = 0.01
SEC.

IN MEMORY SOLUTION: APPROX LOCATIONS NEEDED =
521865 (FOR FAST MULTI-FRONTAL SOLVER ONLY)

```
============================================================
= Multifrontal statistics                                  =
============================================================

    number of equations                      =          5586
    no. of nonzeroes in lower triangle of a  =         96693
    number of compressed nodes               =           931
    no. of compressed nonzeroes in l. tri.   =          2298
    amount of workspace currently in use     =        459515
    max. amt. of workspace used              =      97010962
    no. of nonzeroes in the factor l         =        281841.
    number of super nodes                    =           494
    number of compressed subscripts          =         17004
    size of stack storage                    =         27624
    maximum order of a front matrix          =           180
    maximum size of a front matrix           =         16290
    maximum size of a front trapezoid        =         14679
    no. of floating point ops for factor     =    2.5641D+07
    no. of floating point ops for solve      =    1.1553D+06
    actual no. of nonzeroes in the factor l  =        281841.
    actual number of compressed subscripts   =         17004
    actual size of stack storage used        =         51636
    near zero pivot monitoring activated
    number of pivots adjusted                =            0.
    negative pivot monitoring activated
    number of negative pivots encountered    =            0.
    factorization panel size                 =           128
    factorization update panel size          =            32
    solution block size                      =             8

    time (in seconds) for structure input    =      0.007999
    time (in seconds) for ordering           =      0.009000
    time (in seconds) for symbolic factor    =      0.004001
    time (in seconds) for value input        =      0.007000

    number of cpus used for factor & solve   =             2
    time (in seconds) for numeric factor     =      0.030000
    computational rate (mflops) for factor   =    854.708008
    condition number estimate                =    3.2834D+11

    time (in seconds) for numeric solve      =      0.000610
    computational rate (mflops) for solve    =   1893.928617

    i/o statistics:   unit number        length         amount
                                        (Mbytes)       (Mbytes)
                      -----------       --------       --------

                                31.           0.14           0.34
NUMBER OF POSITIVE EIGENVALUES                    =
5586
NUMBER OF NEGATIVE EIGENVALUES                    =
0

AMOUNT OF DISK SPACE USED                         =
0.14 MB
DETERMINANT OF STIFFNESS MATRIX                   =
2.192E+51911

SMALLEST PIVOT ENCOUNTERED WAS   645.235     AT NODE      449,
FREEDOM  6
LARGEST PIVOT ENCOUNTERED WAS   0.226672E+15 AT NODE       12,
FREEDOM  4
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION   1      =
0.15886E-16
```

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 =
0.15682E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 =
0.11705E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 =
0.14600E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 =
0.23248E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 6 =
0.18460E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 7 =
0.19260E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 8 =
0.21386E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 9 =
0.25540E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 10 =
0.15845E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 11 =
0.16810E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 12 =
0.16519E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 13 =
0.26781E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 14 =
0.16914E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 15 =
0.18529E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 16 =
0.14497E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 17 =
0.15499E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 18 =
0.38756E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 19 =
0.25745E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 20 =
0.29403E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 21 =
0.19419E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 22 =
0.19723E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 23 =
0.16541E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 24 =
0.13517E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 25 =
0.18598E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 26 =
0.24711E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 27 =
0.15249E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 28 =
0.24702E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 29 =
0.21488E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 30 =
0.19268E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 31 =
0.12570E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 32 =
0.22427E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 33 =
0.17757E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 34 =
0.12185E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 35 =
0.25214E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 36 =
0.27180E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 37 =
0.23148E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 38 =

0.24700E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 39 =
0.16467E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 40 =
0.22650E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 41 =
0.20001E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 42 =
0.18330E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 43 =
0.17076E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 44 =
0.15751E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 45 =
0.22343E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 46 =
0.16443E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 47 =
0.16229E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 48 =
0.21465E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 49 =
0.20173E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 50 =
0.15566E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 51 =
0.24086E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 52 =
0.14791E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 53 =
0.21159E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 54 =
0.12753E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 55 =
0.16861E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 56 =
0.15247E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 57 =
0.15634E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 58 =
0.15759E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 59 =
0.16586E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 60 =
0.24396E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 61 =
0.18246E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 62 =
0.18472E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 63 =
0.14477E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 64 =
0.15976E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 65 =
0.14010E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 66 =
0.15186E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 67 =
0.18252E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 68 =
0.18621E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 69 =
0.26476E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 70 =
0.23888E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 71 =
0.30134E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 72 =
0.14465E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 73 =
0.14465E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 74 =
0.17765E-16

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 75 =
0.15112E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 76 =
0.20036E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 77 =
0.13707E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 78 =
0.15237E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 79 =
0.17943E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 80 =
0.16941E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 81 =
0.21908E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 82 =
0.21317E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 83 =
0.18677E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 84 =
0.21179E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 85 =
0.27376E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 86 =
0.16353E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 87 =
0.18690E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 88 =
0.25822E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 89 =
0.25608E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 90 =
0.27528E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 91 =
0.13687E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 92 =
0.26388E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 93 =
0.18546E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 94 =
0.22930E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 95 =
0.13153E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 96 =
0.16526E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 97 =
0.14284E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 98 =
0.14284E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 99 =
0.19202E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 100 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 101 =
0.15886E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 102 =
0.15682E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 103 =
0.11705E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 104 =
0.14600E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 105 =
0.23248E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 106 =
0.18460E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 107 =
0.19260E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 108 =
0.21386E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 109 =
0.25540E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 110 =
0.15845E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 111 =

0.16810E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 112 =
0.16519E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 113 =
0.26781E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 114 =
0.16914E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 115 =
0.18529E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 116 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 117 =
0.15499E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 118 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 119 =
0.25745E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 120 =
0.29403E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 121 =
0.19419E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 122 =
0.19723E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 123 =
0.16541E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 124 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 125 =
0.18598E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 126 =
0.24711E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 127 =
0.15249E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 128 =
0.24702E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 129 =
0.21488E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 130 =
0.19268E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 131 =
0.12570E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 132 =
0.22427E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 133 =
0.17757E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 134 =
0.12185E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 135 =
0.25214E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 136 =
0.27180E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 137 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 138 =
0.24700E-16
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 140 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 141 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 142 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 143 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 144 =
0.15751E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 145 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 146 =
0.16443E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 147 =
0.16229E-16

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 148 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 149 =
0.20173E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 150 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 151 =
0.24086E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 152 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 156 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 157 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 158 =
0.15759E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 159 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 160 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 161 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 162 =
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 164 =
0.15976E-16
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0.23888E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 171 =
0.30134E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 172 =
0.14465E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 173 =
0.14465E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 174 =
0.17765E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 175 =
0.15112E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 176 =
0.20036E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 177 =
0.13707E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 178 =
0.15237E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 179 =
0.17943E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 180 =
0.16941E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 181 =
0.21908E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 182 =
0.21317E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 183 =
0.18677E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 184 =

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0.21179E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 185      =
0.27376E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 186      =
0.16353E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 187      =
0.18690E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 188      =
0.25822E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 189      =
0.25608E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 190      =
0.27528E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 191      =
0.13687E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 192      =
0.26388E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 193      =
0.18546E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 194      =
0.22930E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 195      =
0.13153E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 196      =
0.16526E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 197      =
0.14284E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 198      =
0.14284E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 199      =
0.19202E-16
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 200      =
0.11787E-16


TOTAL CPU TIME USED DURING FAST FRONTAL SOLUTION
=  0.36000     SEC.
TOTAL ELAPSED TIME USED SOLVING EQUATIONS
=   0 HRS  0 MINS  0 SECS


LOCATIONS USED DURING POST-SOLUTION PROCESS =       8353275
LOCATIONS AVAILABLE                         =      98304000

ACTUAL TOTAL NO. EDGES IN STRUCTURE        =    1405
ACTUAL TOTAL NO. FACES IN STRUCTURE        =     448

TIME FOR POST-SOLUTION PROCESS              =   42.782     SEC.

TOTAL CPU TIME USED FOR SOLUTION           =   53.888     SEC.

TOTAL ELAPSED TIME USED FOR SOLUTION       =   0 HRS  0 MINS 54
SECS

TIME AT CENTRAL PROCESSOR =  9:58:29 ON 16/04/21 (DAY/MTH/YR)



I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit     Disk Page     Calls to     Buffered     Disk
Page Table   Peak File
Name          Size (Bytes)  I/O Routines Transfers    Accesses
Swaps        Size (Mbytes)

PROBLEM          16384          592        45842        44183
0      612.0156
FRONTAL          16384            0            0            0
0     0.1562500E-01
SHAPES           16384           57           94           91
0     0.3281250
PLOT             16384       201616       243266        41466
0      656.9375
```

```
          RESTART              0            0            0            0
          0     0.0000000E+00
 ***LUSAS RUN SUCCESSFULLY COMPLETED***
```